REGIST

2897 LANCASHIRE

NADEN DEAN FARM NEWG

19 1~~4~~7 ~~18~~ – 1920

FORM A. BRITISH RAINFALL.

9 - JAN 1915

Kept at ROCHDALE Naden Dene

in the County of Lancas

by H & M. Water

llewort

in.

1 ft. 7 in.

vel 948·12 ft.

IMPORTANT NOTE.— sult entered to the previous day. If an Observe ule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

1915

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1					0·00								1
2	0·01									0·13			2
3				0·00			1·07						3
4									0·00			0·74	4
5						0·19							5
6		0·05	0·99								0·82		6
7								1·43					7
8					1·70								8
9	2·14									0·02			9
10				1·20			0·15						10
11									0·70			0·39	11
12						1·05							12
13		0·79	1·10								2·35		13
14								0·72					14
15					0·23								15
16	0·05									0·00			16
17				0·00			1·73						17
18									3·01			1·68	18
19						0·37							19
20		0·81	0·82								0·58		20
21								0·02					21
22					0·05								22
23	0·05									0·12			23
24				0·26			0·49						24
25									0·11			1·12	25
26						0·91							26
27		0·30	1·11								0·94		27
28		0·14						1·20					28
29		X			0·73								29
30	0·50	X		0·00					0·02	2·54	0·55		30
31	0·39	X	0·85	X	0·00	X	1·57	0·13	X	0·08	X	1·53	31
Total	3·14	2·09	4·87	1·46	2·71	2·52	4·95	3·50	3·84	2·89	5·24	5·46	YEAR'S TOTAL 42·66
Rain Days.	Note:- Taken Weekly, and end of each month.												—

W. 8,000. X. 14.

REGISTER OF RAINFALL IN 1914

FORM A. BRITISH RAINFALL.
9 JAN 1915

Kept at Rochdale Naden Dene (Old Gauge),
in the County of Lancaster, S 3
by R & M Water Board,

Lat. — Long. —
Time of Observation 9 am
Nearest Railway Station Wardleworth
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 7 in.
" " " " Sea Level 948.12 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1					0·00								1
2	0·01									0·13			2
3				0·00			1·07						3
4									0·00			0·74	4
5						0·19							5
6		0·05	0·99								0·82		6
7								1·43					7
8					1·70								8
9	2·14									0·02			9
10				1·20			0·15						10
11									0·70			0·39	11
12						1·05							12
13		0·79	1·10								2·35		13
14								0·72					14
15					0·23								15
16	0·05									0·00			16
17				0·00			1·73						17
18									3·01			1·68	18
19						0·37							19
20		0·81	0·82								0·58		20
21								0·02					21
22					0·05								22
23	0·05									0·12			23
24				0·26			0·49						24
25									0·11			1·12	25
26						0·91							26
27		0·30	1·11								0·94		27
28		0·14						1·20					28
29		X			0·73								29
30	0·50	X		0·00					0·02	2·54	0·55		30
31	0·39	X	0·85	X	0·00	X	1·57	0·13	X	0·08	X	1·53	31
Total	3·14 ✓	2·09 ✓	4·87 ✓	1·46 ✓	2·71 ✓	2·52 ✓	4·95 ✓	3·50 ✓	3·84 ✓	2·89 ✓	5·24 ✓	5·46 ✓	YEAR'S TOTAL 42·66 ✓
Rain Days.	Note:- Taken Weekly, and end of each month												—

W. 8,000. X. 14.

Old Gauge

2826

FORM B.
BRITISH RAINFALL

To be filled and returned
to DR. H. R. MILL, *Director*,
BRITISH RAINFALL ORGANIZATION,
62 CAMDEN SQUARE, LONDON, N.W. 1.
Copies of this form will be supplied with pleasure.

RAINFALL IN 1917

At Naden Deane, Norden Nr Rochdale

In the County of Lancaster

Rain Gauge { Diameter of Funnel five in.

Height of Top { *Above Ground* 1 ft. 7 in.

Above Sea Level 948·12 ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 or more recorded.
	Inches.	Inches.	Date.	
JAN.	2·34			
FEB.	1·30			
MAR.	1·99			
APR.	1·17			
MAY	2·74			
JUNE	1·93			
JULY	2·50			
AUG.	6·71			
SEPT.	1·98			
OCT.	8·09			
NOV.	3·53			
DEC.	1·89			
Total	36·17	✓ 919		

Signed Heywood & Middleton Water Board

[Please fill in the other side also.

W. 16,000. ix.17.

If Gauge has been moved during year state—

Date.	Distance.	Direction.

How was height above sea level ascertained?

State pattern and maker of Gauge, if known.

Negretti & Zambra

What are the objects nearest to the Gauge?

Objects.	Height.	Distance.	Direction.
Wall	approx 5' 6"	approx 30 yds	N

In order that the position may be accurately entered on a map please mention

Latitude .... **N.**

Longitude ....

Nearest Railway Station and Parish Church.

	Name.	Distance.	Direction.
Station	Wardleworth	4 mls	S E
Church	Norden Parish	1 "	N.E.

If you know of any record of rainfall not quoted in *British Rainfall*, please give the Observer's name and address below.

x 976 765

FORM A. BRITISH RAINFALL.

21 6. 19

REGISTER OF RAINFALL IN 1918

Kept at Near Naden Dean Farm

in the County of S. Lancaster

by Heywood & Middleton Water Board

Lat. .... Long. ....

Time of Observation 9. A.M.

Nearest Railway Station Wardleworth Station

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 3½ in.

" " " " Sea Level 948, 19 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Old Gauge

Date 1918	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		0·34	0·00								0·23		1
2								0·00					2
3					1·12								3
4	0·07									0·86			4
5				0·25			0·00						5
6									0·82			1·92	6
7						0·30							7
8		2·30	0·15								0·71		8
9								0·99					9
10					0·25								10
11	0·64									1·93			11
12				0·50			0·43						12
13									3·66			1·05	13
14						0·25							14
15		1·79	0·11								0·34		15
16								0·11					16
17					0·38								17
18	1·54									0·69			18
19				0·02			1·55						19
20									4·52			3·00	20
21						0·73							21
22		1·20	0·35								0·00		22
23								0·31					23
24					1·01								24
25	1·05									0·04			25
26				0·09			1·56						26
27									2·31			1·93	27
28		0·38				0·10							28
29			0·97								0·97		29
30		X		0·00		0·00		1·60	0·15		0·23		30
31	0·00	X	0·68	X	0·01	X	0·00	0·10	X	0·18	X	1·25	31
Total	3·30	6·01	2·26	0·86	2·77	1·38	3·54	3·11	11·46	3·70	2·48	9·15	YEAR'S TOTAL 50·02
Rain Days.													

W. 8,000, VIII. 16

Ex 71

2672

FEB 20

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Naden near Naden Dean Farm
in the County of Lancaster O. G.
by Heywood & Middleton Water Board

Lat. Long.
Time of Observation
Nearest Railway Station 9 A 111
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 3½ in.
" " " " Sea Level 948 · 19 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1								0 · 10					1
2					0 · 60								2
3	0 · 95									0 · 65			3
4				0 · 00			0 · 75						4
5									0 · 69			1 · 12	5
6						0 · 04							6
7		0 · 02	1 · 55								0 · 37		7
8								0 · 30					8
9					0 · 76								9
10	0 · 40									0 · 00			10
11				0 · 39			0 · 12						11
12									0 · 00			0 · 37	12
13						0 · 11							13
14		0 · 00	1 · 55								0 · 26		14
15								0 · 02					15
16					0 · 29								16
17	1 · 47									0 · 45			17
18				1 · 07			0 · 18						18
19									0 · 18			1 · 09	19
20						0 · 68							20
21		0 · 99	0 · 98								1 · 60		21
22								1 · 33					22
23					0 · 00								23
24	0 · 84									1 · 00			24
25				0 · 35			0 · 54						25
26									0 · 91			3 · 59	26
27						0 · 34							27
28		0 · 07	0 · 45								0 · 89		28
29								1 · 88					29
30		✕		0 · 40	0 · 14	0 · 09			0 · 00		0 · 32		30
31	0 · 55	✕	0 · 05	✕	0 · 00	✕	0 · 35	0 · 00	✕	0 · 48	✕	1 · 21	31
TOTAL	4 · 21	1 · 08	4 · 58	2 · 21 2 · 26	1 · 79	1 · 26	1 · 94	3 · 63	1 · 78	2 · 58	3 · 44	7 · 38	YEAR'S TOTAL 35 · 88
Days with ·01 in. or more													

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

24 JAN 1921

2538

REGISTER OF RAINFALL IN 1920.

Kept at Near Naden Dean Farm

in the County of Lancaster

by Heywood & Middleton Water Board

Lat. .... Long. ....

Time of Observation 9 A.M.

Nearest Railway Station Wardlworth

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 3½ in.

" " " " Sea Level 948·19 ft.

Oeo

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1										0·05			1
2	0·10			0·27			1·40						2
3									0·70			0·77	3
4						0·05							4
5			0·25								0·00		5
6		0·01						2·28					6
7					1·57								7
8										1·19			8
9	1·12			1·12			1·85						9
10									0·42			0·10	10
11						0·31							11
12			0·61								0·38		12
13		2·25						0·20					13
14					0·61								14
15										0·23			15
16	1·32			1·78			2·00						16
17									0·12			0·07	17
18						1·49							18
19			0·32								0·92		19
20		1·17						0·46					20
21					1·06								21
22										0·07			22
23	0·55			1·25			2·21						23
24									0·22			1·23	24
25						0·28							25
26			1·20								0·08		26
27		0·15						0·05					27
28					0·95								28
29		0·04								0·00			29
30	0·87	X		1·09		0·83	1·60		0·22		0·75		30
31	0·19	X	0·94	X	1·44	X	0·05	0·00	X	0·06	X	1·85	31
TOTAL	4·05	3·62	3·32	5·51	5·63	2·96	9·11	2·99	1·68	1·60	2·13	4·02	YEAR'S TOTAL 46·62
Days with ·01 in. or more													
Days with ·04 in. or more													

W Day
5 IV 9

REG

2974/1 NELSON

COLDWELL RES No. 1

1918 - 20

°9' 5"

FORM A.
BRITISH RAINFALL

Kept at Colawe
a.m.
in the County of Lan
Nelson
Gauge 8" in.
by Nelson Corpor
ve Ground 2 ft. 0 in.
Sea Level 950. ft.

IMPORTANT N… the result entered to the previous day. If an… iversal rule, he is earnestly requested to add the … ear in the space provided for it at the end of this paragraph. … ement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Director, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.
·00

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·20	·00	·00	·19	·00	·00	·00	·00	·80	·00	·00	·80	1
2	·00	~~·80~~ 08	·00	~~·40~~ 04	~~·70~~ 07	·00	·00	·00	·69	~~·80~~ 08	·43	·35	2
3	·00	~~·10~~ 01	·00	·00	·00	·00	·00	·00	·36	~~·50~~ 05	·00	·21	3
4	·00	~~·20~~ 02	~~·40~~ 04	·00	·59	·00	·00	~~·30~~ 03	·00	·21	~~·30~~ 03	·80	4
5	~~·40~~ 04	·00	·00	·00	·00	·00	·00	·16	·52	·16	·24	~~·60~~ 06	5
6	~~·20~~ 02	·00	·12	·11	·18	·00	·00	·72	~~·40~~ 04	·46	·11	~~·10~~ 01	6
7	~~·90~~ 09	·88	·00	·28	·00	·22	·00	·16	·10	·15	·00	~~·30~~ 03	7
8	·00	·13	·00	·23	·00	·00	·00	~~·30~~ 03	·28	·13	·17	·00	8
9	·00	·22	·00	·00	·00	·00	·17	~~·50~~ 05	·63	~~·30~~ 03	~~·70~~ 07	·00	9
10	·28	·48	·00	~~·80~~ 08	·00	·15	·30	·00	1·14	·28	~~·30~~ 03	~~·70~~ 07	10
11	~~·30~~ 03	·79	~~·30~~ 03	~~·10~~ 01	·00	·00	·00	·00	·33	·11	·17	~~·10~~ ·1	11
12	·21	·16	~~·20~~ 02	~~·20~~ 02	~~·80~~ 08	·00	~~·60~~ 06	~~·50~~ 05	·31	·00	·00	·15	12
13	·00	·23	·00	~~·10~~ 01	~~·20~~ 02	·00	~~·50~~ 05	·00	·19	·40	·00	·25	13
14	·00	~~·10~~ 01	·00	~~·20~~ 02	·14	~~·30~~ 03	·00	·00	·29	·16	·00	~~·30~~ 03	14
15	·36	·00	·00	·00	~~·10~~ 01	·11	·11	·00	·64	·13	·00	·28	15
16	·00	·00	·00	~~·20~~ 02	·00	~~·50~~ 05	·41	·00	·81	·00	·00	·51	16
17	·00	·00	·00	·00	·00	·19	·19	·13	·19	~~·30~~ 03	·00	·25	17
18	·18	·00	·00	·00	·00	~~·50~~ 05	·37	·17	~~·50~~ 05	·39	·00	·21	18
19	·48	·00	~~·70~~ 07	·00	·00	~~·10~~ 01	·18	~~·20~~ 02	·39	·00	·00	·29	19
20	·21	~~·50~~ 05	~~·70~~ 07	·11	·00	·00	·23	·26	·38	·12	·00	·48	20
21	·15	·59	·00	~~·40~~ 04	~~·50~~ 05	~~·70~~ 07	·42	~~·30~~ 03	~~·80~~ 08	·00	·00	·00	21
22	·36	·34	·00	·00	·21	·21	·00	·00	·28	~~·30~~ 03	·00	·00	22
23	~~·50~~ 05	~~·70~~ 07	·00	·00	·28	·15	~~·30~~ 03	~~·40~~ 04	~~·30~~ 03	·00	·00	·87	23
24	~~·30~~ 03	·00	·00	·00	·31	·00	·18	·00	·25	·00	~~·40~~ 04	~~·70~~ 07	24
25	~~·20~~ 02	·16	·00	·00	·00	·00	·27	~~·10~~ 01	~~·30~~ 03	~~·10~~ 01	~~·70~~ 04	·00	25
26	·00	·00	·00	·00	~~·30~~ 03	·82	~~·90~~ 09	·16	·13	~~·10~~ 01	~~·20~~ 02	·00	26
27	·00	·21	·00	·00	·00	·00	~~·30~~ 03	·12	·34	~~·50~~ 05	·47	~~·50~~ 05	27
28	·00	·14	·18	·00	·00	~~·50~~ 05	·00	·45	1·12	~~·70~~ 07	·11	·91	28
29	·00		·37	·00	·00	·00	·00	·19	~~·80~~ 08	·00	~~·80~~ 08	·72	29
30	·00	X	·00	·00	·00	·00	·00	·00	~~·60~~ 06	·00	·00	·43	30
31	·00	X	·21	X	·00	X	·00	·16	X	~~·20~~ 02	X	·16	31
	—	—	·19	—	—	—	—	·80	—	—	·80	—	YEAR'S TOTAL
Total	~~5·23~~	~~6·73~~	~~3·18~~	~~3·32~~	~~4·31~~	~~4·45~~	~~5·43~~	~~5·28~~	~~13·82~~	~~6·50~~	~~4·80~~	~~10·97~~	~~74·02~~
Rain Days	~~16~~ 15	18	~~9~~ 10	12	12	13	16	~~19~~ 20	28	22	15	24	205
	5·03	6·73	3·37	3·13	4·31	4·45	5·43	6·08	13·02	6·50	5·60	10·17	73·82
	2·51	4·57	1·30	97	1·97	2·11	3·09	374	9·69	3·08	2·81	7·20	4304

W 6,500. VII. 18. W W C

W Day
5.iv.9

FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 19

Kept at Coldwell Reservoir No. 1

in the County of Lancaster

by Nelson Corporation per S Whitehead

Lat. 53° 49′ 21″ Long. 2° 9′ 5″

Time of Observation 9. a. m.

Nearest Railway Station Nelson

Diameter of Funnel of Rain Gauge 8″ in.

Height of top of Gauge above Ground 2 ft. 0 in.

" " " " Sea Level 950. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1. following.
·00

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·20	·00	·00	·19	·00	·00	·00	·00	·80	·00	·00	·80	1
2	·00	~~·80~~ 08	·00	~~40~~ 04	~~·70~~ 07	·00	·00	·00	·69	~~80~~ 08	·43	·35	2
3	·00	~~10~~ 01	·00	·00	·00	·00	·00	·00	·36	~~50~~ 05	·00	·21	3
4	·00	~~20~~ 02	~~40~~ 04	·00	·59	·00	·00	~~30~~ 03	·00	·21	~~30~~ 03	·80	4
5	~~40~~ 04	·00	·00	·00	·00	·00	·00	·16	·52	·16	·24	~~60~~ 06	5
6	~~20~~ 02	·00	·12	·11	·18	·00	·00	·72	~~40~~ 04	·46	·11	~~10~~ 01	6
7	~~90~~ 09	·88	·00	·28	·00	·22	·00	·16	·10	·15	·00	~~30~~ 03	7
8	·00	·13	·00	·23	·00	·00	·00	~~30~~ 03	·28	·13	·17	·00	8
9	·00	·22	·00	·00	·00	·00	·17	~~50~~ 05	·63	~~30~~ 03	~~70~~ 07	·00	9
10	·28	·48	·00	~~80~~ 08	·00	·15	·30	·00	1·14	·28	~~30~~ 03	~~70~~ 07	10
11	~~30~~ 03	·79	~~30~~ 03	~~10~~ 01	·00	·00	·00	·00	·33	·11	·17	~~10~~ 01	11
12	·21	·16	~~20~~ 02	~~20~~ 02	~~80~~ 08	·00	~~60~~ 06	~~50~~ 05	·31	·00	·00	·15	12
13	·00	·23	·00	~~10~~ 01	~~20~~ 02	·00	~~50~~ 05	·00	·19	·40	·00	·25	13
14	·00	~~10~~ 01	·00	~~20~~ 02	·14	~~30~~ 03	·00	·00	·29	·16	·00	~~30~~ 03	14
15	·36	·00	·00	·00	~~10~~ 01	·11	·11	·00	·64	·13	·00	·28	15
16	·00	·00	·00	~~20~~ 02	·00	~~50~~ 05	·41	·00	·81	·00	·00	·51	16
17	·00	·00	·00	·00	·00	·19	·19	·13	·19	~~30~~ 03	·00	·25	17
18	·18	·00	·00	·00	·00	~~50~~ 05	·37	·17	~~50~~ 05	·39	·00	·21	18
19	·48	·00	~~70~~ 07	·00	·00	~~10~~ 01	·18	~~20~~ 02	·39	·00	·00	·29	19
20	·21	~~50~~ 05	~~70~~ 07	·11	·00	·00	·23	·26	·38	·12	·00	·48	20
21	·15	·59	·00	~~40~~ 04	~~50~~ 05	~~70~~ 07	·42	~~30~~ 03	~~80~~ 08	·00	·00	·00	21
22	·36	·34	·00	·00	·21	·21	·00	·00	·28	~~30~~ 03	·00	·00	22
23	~~50~~ 05	~~70~~ 07	·00	·00	·28	·15	~~30~~ 03	~~40~~ 04	~~30~~ 03	·00	·00	·87	23
24	~~30~~ 03	·00	·00	·00	·31	·00	·18	·00	·25	·00	~~40~~ 04	~~70~~ 07	24
25	~~20~~ 02	·16	·00	·00	·00	·00	·27	~~10~~ 01	~~30~~ 03	~~10~~ 01	~~40~~ 04	·00	25
26	·00	·00	·00	·00	~~30~~ 03	·82	~~90~~ 09	·16	·13	~~10~~ 01	~~20~~ 02	·00	26
27	·00	·21	·00	·00	·00	·00	~~30~~ 03	·12	·34	~~50~~ 05	·47	~~50~~ 05	27
28	·00	·14	·18	·00	·00	~~50~~ 05	·00	·45	1·12	~~70~~ 07	·11	·91	28
29	·00		·37	·00	·00	·00	·00	·19	~~80~~ 08	·00	~~80~~ 08	·72	29
30	·00	✕	·00	·00	·00	·00	·00	·00	~~60~~ 06	·00	·00	·43	30
31	·00	✕	·21	✕	·00	✕	·00	·16	✕	~~20~~ 02	✕	·16	31
	—	—	·19	—	—	—	—	·80	—	—	·80	—	YEAR'S TOTAL
Total	~~5·23~~	~~6·73~~	~~3·18~~	~~3·32~~	~~4·31~~	~~4·45~~	~~5·43~~	~~5·28~~	~~13·82~~	~~6·50~~	~~4·80~~	~~10·97~~	~~74·02~~
Rain Days	15	18	~~9~~ 10	12	12	13	16	~~19~~ 20	28	22	15	24	205
	5·03	6·73	3·37	3·13	4·31	4·45	5·43	6·08	13·02	6·50	5·60	10·17	73·82
	2·51	4·57	1·30	97	1·97	2·11	3·09	3·74	9·69	3·08	2·81	7·20	43·04

W. 6,500, VII. 18.

cnd cy md g.
cnd [illegible] WD. RA

27524

6 JAN 20

Form A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1919.

Kept at Coldwell Reservoir (No. 1 Gauge)
in the County of Lancaster.
by Smith Whitehead, A.M.I.C.E.

Lat 53° 49' 21" Long 2° 9' 5"
Time of Observation 9. a. m.
Nearest Railway Station Nelson.
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 2 ft 0 in.
" " " " Sea Level 950 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·00	·00	·00	·00	·07	·00	·40	·14	·20	·19	·05	·05	1
2	·42	·00	·20	·12	·40	·00	·18	·06	·01	·06	·03	·13	2
3	·21	·00	·18	·00	·08	·15	·75	·00	·03	·00	·15	·37	3
4	·46	·00	·00	·00	·10	·00	·04	·19	·00	·00	·00	·14	4
5	·25	·00	·20	·00	·00	·00	·00	·00	·00	·00	·03	·19	5
6	·18	·00	·00	·05	·03	·00	·00	·00	·05	·00	·00	·12	6
7	·31	·00	·98	·00	·69	·00	·00	·00	·05	·00	·06	·00	7
8	·16	·00	·21	·00	·00	·06	·00	·00	·00	·00	·00	·00	8
9	·21	·00	·20	·02	·00	·01	·00	·00	·00	·00	·00	·00	9
10	·22	·00	·30	·00	·00	·00	·00	·00	·00	·00	·02	(·02)	10
11	·00	·00	·91	·09	·09	·00	·11	·00	·03	·03	·00	·01	11
12	·00	·00	·34	·15	·06	·03	·10	·00	·05	·02	·00	·00	12
13	·00	·00	·17	·10	·00	·01	·05	·11	·00	·33	·00	·03	13
14	·70	·00	·30	·27	·00	·00	·00	·05	·00	·01	·00	·04	14
15	·32	·29	·15	·16	·00	·00	·00	·03	·00	·05	·24	·32	15
16	·17	·19	·00	·05	·00	·02	·00	·00	·00	·00	·19	·01	16
17	·11	·11	·00	·00	·00	·09	·00	·11	·00	·00	·42	·00	17
18	·10	·50	·00	·04	·00	·00	·02	·20	·23	·00	·02	·23	18
19	·00	·10	·00	·00	·00	·12	·41	·04	·10	·00	·31	·04	19
20	·40	·19	·00	·00	·00	·12	·14	·04	·00	·00	·08	·70	20
21	·28	·19	·00	·00	·00	·07	·23	·00	·02	·00	·03	·11	21
22	·50	·31	·00	·00	·00	·08	·00	·20	·35	·00	·09	·55	22
23	·00	·16	·00	·00	·00	·12	·00	·01	·00	·95	·05	·14	23
24	·00	·00	·00	·00	·00	·05	·00	·04	·25	·38	·21	·36	24
25	·00	·00	·00	·22	·06	·15	·00	·53	·05	·00	·21	·10	25
26	·16	·30	·23	·28	·00	·09	·00	·50	·09	·00	·16	·49	26
27	·10	·00	·00	·09	·00	·01	·00	·06	·00	·00	·04	·07	27
28	·00	·00	·37	·02	·00	·02	·00	·65	·00	·14	·00	·27	28
29	·00		·00	·09	·00	·00	·00	·02	·00	·44	·00	·24	29
30	·00		·00	·00	·00	·13	·00	·01	·00	·19	·15	·27	30
31	·00		·02		·00		·48	·00		·04		·04	31
Total	3·26	2·34	4·76	~~1·75~~ ·07 1·82	~~1·58~~ 1·51	1·33	2·91	2·99	1·51	2·83	2·54	5·14	YEAR'S TOTAL 34·94 ?
Days with ·01 in. or more	19	10	17	16	8	18	12	19	14	13	20	26	192

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

P.S. March 26th State for 10 days ·33. Gauge Frozen

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION. No. 1 2738

JAN 1921

REGISTER OF RAINFALL IN 1920.

Kept at Coldwell Reservoir, Nelson

in the County of Lancaster

by Smith Whitehead.

Lat 53° 49' 21" Long 2° 9' 5"

Time of Observation 9. a.m.

Nearest Railway Station Nelson

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 950. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following: ·9+

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·01	·01	·12	·18	·41	·01	·31	·07	·26	·07	·18	·10	1
2	·00	·00	·00	·07	·07	·00	·14	·02	·32	·08	·00	·11	2
3	·01	·07	·07	·15	·10	·00	·37	·09	·32	·42	·00	·36	3
4	·02	·00	·00	·16	·06	·00	·23	·29	·06	·70	·00	·06	4
5	·00	·00	·06	·00	·36	·02	·20	·15	·25	·23	·01	·01	5
6	·00	·00	·42	·07	·18	·00	·03	·00	·00	·01	·09	·21	6
7	·09	·09	·11	·02	·11	·00	·23	·00	·02	·00	·03	·01	7
8	·04	·00	·00	·70	·16	·00	·13	·23	·01	·00	·01	·00	8
9	·55	1·00	·06	·61	·00	·00	·14	·05	·05	·00	·08	·02	9
10	·85	·34	·06	·08	·00	·00	·28	·08	·00	·00	·00	·01	10
11	·06	·08	·07	·13	·18	·22	·00	·01	·00	·00	·00	·06	11
12	·13	·10	·12	·43	·07	·15	·12	·00	·03	·00	·18	·03	12
13	·18	·10	·08	·32	·08	·69	·18	·00	·01	·00	·30	·01	13
14	·00	·04	·27	·20	·00	·63	·04	·00	·30	·04	·40	·16	14
15	·00	·16	·50	·16	·00	·00	·00	·00	·02	1·08	·08	·00	15
16	·00	·00	·22	·04	·11	·00	·51	·00	·25	·00	·24	·00	16
17	·13	·00	·04	·00	·09	·00	·05	·29	·16	·02	·04	·00	17
18	·21	·00	·02	·11	·40	·00	·00	·07	·02	·00	·00	·00	18
19	·16	·55	·00	·07	·35	·14	·05	·11	·00	·00	·00	·00	19
20	·11	·00	·00	·31	·00	·05	·34	·00	·10	·00	·00	·03	20
21	·00	·00	·00	·00	·00	·00	·75	·04	·06	·00	·00	·19	21
22	·08	·00	·00	·20	·00	·12	·36	·08	·00	·00	·00	·10	22
23	·00	·00	·02	·10	·00	·00	·19	·02	·00	·00	·00	·26	23
24	·10	·00	·48	·15	·00	·01	·15	·01	·00	·00	·00	·12	24
25	·00	·11	·07	·18	·00	·07	·67	·01	·00	·00	·00	·00	25
26	·07	·25	·35	·38	·85	·00	·25	·00	·00	·00	·02	·03	26
27	·09	·04	·04	·06	·43	·55	·00	·00	·00	·00	·17	·01	27
28	·11	·03	·49	·11	·24	·03	·03	·00	·00	·00	·03	·14	28
29	·42	·00	·19	·10	·74	·01	·37	·00	·00	·00	·07	·57	29
30	·17		·02	·08	·06	·15	·00	·00	·12	·00	·17	·19	30
31	·23		·06		·10		·03	·00		·49		·04	31
TOTAL	3·82	2·97	3·94	5·17	5·15	2·85	6·15	1·62	2·36	3·14	2·10	2·83	YEAR'S TOTAL 42·10 ✓
Days with ·01 in. or more	22	15	24	27	21	15	26	17	18	10	17	24	236 ✓
Days with ·04 in. or more	19	13	21	26	21	10	23	12	12	8	12	15	192 ✓

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

2974

NELSON.

COLDWELL RES No 2.

1918 - 20

WP 5.V.19

FORM A.
BRITISH RAINFALL.

REG

Kept at Coldwe … 918 8. 1. 19

a.m.

in the County of Lan … Nelson.

by Nelson Corpor … Gauge 5 in.

Ground 1 ft. 0 in.

Sea Level 960. ft.

IMPORTANT NO … the result entered to the previous day. If an O … rsal rule, he is earnestly requested to add the rea … in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·00

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·10	·00	·00	·27	·00	·00	·00	·00	·80	·00	·00	·16	1
2	·00	·14	·00	~~·60~~ 06	~~·80~~ 08	·00	·00	·00	·69	·11	·55	·61	2
3	·00	~~·30~~ 03	·00	·00	·00	·00	·00	·00	·36	·11	·00	·37	3
4	·00	~~·30~~ 03	~~·60~~ 06	·00	·65	·00	·00	~~·30~~ 03	·00	·29	~~·20~~ 02	·15	4
5	~~·10~~ 01	·00	·00	·00	·00	·00	·00	·16	·51	·25	·48	~~·90~~ 09	5
6	~~·20~~ 02	·00	~~·70~~ 07	·15	·19	·00	·00	·76	~~·40~~ 04	·53	·12	~~·10~~ 01	6
7	·12	1·36	·00	·29	·00	·32	·00	·18	·10	·21	·00	~~·30~~ 03	7
8	·00	·18	·00	·23	·00	·00	·00	~~·40~~ 04	·39	·13	·24	·00	8
9	·00	·28	·00	·00	·00	·00	·18	~~·60~~ 06	·69	~~·50~~ 05	~~·90~~ 09	·00	9
10	·48	·67	·00	~~·60~~ 06	·00	·21	·30	·00	1·19	·42	~~·40~~ 04	~~·90~~ 09	10
11	~~·50~~ 05	1·18	~~·60~~ 06	~~·20~~ 02	·00	·00	·00	·00	·36	·15	·28	~~·10~~ 01	11
12	·36	·25	~~·20~~ 02	~~·20~~ 02	~~·80~~ 08	·00	~~·70~~ 07	~~·60~~ 06	·39	·00	·00	·21	12
13	·00	·31	·00	~~·10~~ 01	~~·20~~ 02	·00	~~·60~~ 06	·00	·19	·50	·00	·37	13
14	·00	~~·20~~ 02	·00	~~·30~~ 03	·16	~~·60~~ 06	·00	·00	·31	·25	·00	~~·30~~ 03	14
15	·41	·00	·00	·00	~~·10~~ 01	·11	·15	·00	·61	·18	·00	·28	15
16	·00	·00	·00	~~·10~~ 01	·00	~~·60~~ 06	·51	·00	1·09	·00	·00	·61	16
17	·00	·00	·00	·00	·00	·19	·21	·22	·25	~~·50~~ 05	·00	·28	17
18	·34	·00	·00	·00	·00	~~·60~~ 06	·39	·24	~~·80~~ 08	·37	·00	·22	18
19	·39	·00	~~·90~~ 09	·00	·00	~~·10~~ 01	·21	~~·30~~ 03	·37	·00	·00	·39	19
20	·26	·13	·11	·11	·00	·00	·24	·37	·38	·11	·00	·59	20
21	·12	·62	·00	~~·90~~ 09	~~·80~~ 08	·11	·48	~~·40~~ 04	·11	·00	·00	·00	21
22	·31	·53	·00	·00	·27	·26	·00	·00	·14	~~·30~~ 03	·00	·00	22
23	~~·40~~ ·04	·13	·00	·00	·37	·11	~~·60~~ 06	~~·70~~ 07	~~·50~~ 05	·00	·00	·98	23
24	~~·20~~ 02	·00	·00	·00	·31	·00	·19	·00	·26	·00	~~·40~~ 04	~~·70~~ 07	24
25	~~·20~~ 02	·19	·00	·00	·00	·00	·27	~~·20~~ 02	~~·70~~ 07	~~·20~~ 02	~~·50~~ 05	·00	25
26	·00	·00	·00	·00	~~·30~~ 03	·86	·11	·21	·16	~~·20~~ 02	~~·20~~ 02	·00	26
27	·00	·27	·00	·00	·00	·00	~~·50~~ 05	·13	·41	·11	·46	~~·90~~ ·09	27
28	·00	·17	·29	·00	·00	~~·70~~ 07	·00	·58	1·14	·12	·12	1·04	28
29	·00		·43	·00	·00	·00	·00	·23	~~·20~~ 02	·00	~~·90~~ 09	·91	29
30	·00	X	·00	·00	·00	·00	·00	·00	~~·10~~ 01	·00	·00	·54	30
31	·00	X	·29	X	·00	X	·00	·25	X	~~·60~~ 06	X	·18	31
Total	— ~~4·49~~	7·21 ~~7·31~~	·27 ~~4·12~~	— ~~4·05~~	— ~~4·95~~	— ~~4·77~~	— ~~5·64~~	·80 ~~6·83~~	— ~~13·90~~	— ~~6·14~~	·16 ~~5·75~~	12·09 ~~11·04~~	~~79·94~~ ~~79·04~~
Rain Days.	~~11~~ 15	18	~~9~~ 10	~~13~~ 12	12	13	16	~~19~~ 20	~~29~~ 28	22	~~14~~ 15	~~25~~ 24	205 ✓
	4·89	7·21	4·39	3·78	4·95	4·77	5·64	7·63	13·10	6·14	5·91	11·93	79·84
	2·95	6·49	1·69	1·08	2·25	2·43	3·48	11·48	11·67	4·07	2·76	8·15	50·50

W. 6,500. VII. 18.

approved?

VP
5.v.19

REGISTER OF RAINFALL IN 1918

FORM A.
BRITISH RAINFALL.

Kept at Coldwell Reservoir No. 2

in the County of Lancaster

by Nelson Corporation per. S. Whitehead

Lat. 53°49' ~~4"~~ 47" Long. 2°9' 8"

Time of Observation 9. a.m.

Nearest Railway Station Nelson.

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 960. ft.

8. 1. 19

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Director, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·00

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·10	·00	·00	·27	·00	·00	·00	·00	·80	·00	·00	·16	1
2	·00	·14	·00	~~·60~~ ·06	~~·80~~ ·08	·00	·00	·00	·69	·11	·55	·61	2
3	·00	~~·30~~ ·03	·00	·00	·00	·00	·00	·00	·36	·11	·00	·37	3
4	·00	~~·30~~ ·03	~~·60~~ ·06	·00	·65	·00	·00	~~·30~~ ·03	·00	·29	~~·20~~ ·02	·15	4
5	~~·10~~ ·01	·00	·00	·00	·00	·00	·00	·16	·51	·25	·48	~~·90~~ ·09	5
6	~~·20~~ ·02	·00	~~·70~~ ·07	·15	·19	·00	·00	·76	~~·40~~ ·04	·53	·12	~~·10~~ ·01	6
7	·12	1·36	·00	·29	·00	·32	·00	·18	·10	·21	·00	~~·30~~ ·03	7
8	·00	·18	·00	·23	·00	·00	·00	~~·40~~ ·04	·39	·13	·24	·00	8
9	·00	·28	·00	·00	·00	·00	·18	~~·60~~ ·06	·69	~~·50~~ ·05	~~·90~~ ·09	·00	9
10	·48	·67	·00	~~·60~~ ·06	·00	·21	·30	·00	1·19	·42	~~·40~~ ·04	~~·90~~ ·09	10
11	~~·50~~ ·05	1·18	~~·60~~ ·06	~~·20~~ ·02	·00	·00	·00	·00	·36	·15	·28	~~·10~~ ·01	11
12	·36	·25	~~·20~~ ·02	~~·20~~ ·02	~~·80~~ ·08	·00	~~·70~~ ·07	~~·60~~ ·06	·39	·00	·00	·21	12
13	·00	·31	·00	~~·10~~ ·01	~~·20~~ ·02	·00	~~·60~~ ·06	·00	·19	·50	·00	·37	13
14	·00	~~·20~~ ·02	·00	~~·30~~ ·03	·16	~~·60~~ ·06	·00	·00	·31	·25	·00	~~·30~~ ·03	14
15	·41	·00	·00	·00	~~·10~~ ·01	·11	·15	·00	·61	·18	·00	·28	15
16	·00	·00	·00	~~·10~~ ·01	·00	~~·60~~ ·06	·51	·00	1·09	·00	·00	·61	16
17	·00	·00	·00	·00	·00	·19	·21	·22	·25	~~·50~~ ·05	·00	·28	17
18	·34	·00	·00	·00	·00	~~·60~~ ·06	·39	·24	~~·80~~ ·08	·37	·00	·22	18
19	·39	·00	~~·90~~ ·09	·00	·00	~~·10~~ ·01	·21	~~·30~~ ·03	·37	·00	·00	·39	19
20	·26	·13	·11	·11	·00	·00	·24	·37	·38	·11	·00	·59	20
21	·12	·62	·00	~~·90~~ ·09	~~·80~~ ·08	·11	·48	~~·40~~ ·04	·11	·00	·00	·00	21
22	·31	·53	·00	·00	·27	·26	·00	·00	·14	~~·30~~ ·03	·00	·00	22
23	~~·40~~ ·04	·13	·00	·00	·37	·11	~~·60~~ ·06	~~·70~~ ·07	~~·50~~ ·05	·00	·00	·98	23
24	~~·20~~ ·02	·00	·00	·00	·31	·00	·19	·00	·26	·00	~~·40~~ ·04	~~·70~~ ·07	24
25	~~·20~~ ·02	·19	·00	·00	·00	·00	·27	~~·20~~ ·02	~~·70~~ ·07	~~·20~~ ·02	~~·50~~ ·05	·00	25
26	·00	·00	·00	·00	~~·30~~ ·03	·86	·11	·21	·16	~~·20~~ ·02	~~·20~~ ·02	·00	26
27	·00	·27	·00	·00	·00	·00	~~·50~~ ·05	·13	·41	·11	·46	~~·90~~ ·09	27
28	·00	·17	·29	·00	·00	~~·70~~ ·07	·00	·58	1·14	·12	·12	1·04	28
29	·00		·43	·00	·00	·00	·00	·23	~~·20~~ ·02	·00	~~·90~~ ·09	·91	29
30	·00	X	·00	·00	·00	·00	·00	·00	~~·10~~ ·01	·00	·00	·54	30
31	·00	X	·29	X	·00	X	·00	·25	X	~~·60~~ ·06	X	·18	31
	—	7·21	·27	—	—	—	—	·80	—	—	·16	~~12·09~~	~~79·94~~
Total	4·49	~~7·21~~	4·12	4·05	4·95	4·77	5·64	6·83	13·90	6·14	5·75	~~4·04~~	~~79·04~~
Rain Days.	~~16~~ 15	18	~~9~~ 10	~~13~~ 12	12	13	16	~~19~~ 20	~~29~~ 28	22	~~14~~ 15	~~25~~ 24	205
	4·89	7·21	4·39	3·78	4·95	4·77	5·64	7·63	13·10	6·14	5·91	11·93	79·84
	7·95	6·49	1·69	1·08	2·25	2·43	3·48	4·48	10·67	4·07	2·76	8·15	50·50

W. 6,500. VII. 18.

comp pl WD

4 RR

2755

Form A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

6 JAN 20

REGISTER OF RAINFALL IN 1919.

Kept at Coldwell Reservoir (No. 2 Gauge)
in the County of Lancaster.
by Smith Whitehead A.M.I.C.E.

Lat. 53°49'17" Long. 2°9'5"
Time of Observation 9 a.m.
Nearest Railway Station Nelson.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft 0 in.
" " " " Sea Level 960 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·00	·00	·00	·00	·10	·00	·36	·22	·36	·26	·04	·09	1
2	·51	·00	·20	·14	·57	·00	·15	·08	·01	·04	·02	·27	2
3	·24	·00	·18	·00	·08	·16	·70	·00	·03	·00	·18	·43	3
4	·75	·00	·00	·00	·13	·00	·03	·23	·00	·00	·00	·16	4
5	·32	·00	·30	·00	·00	·00	·00	·00	·00	·00	·03	·30	5
6	·26	·00	·00	·03	·05	·00	·00	·00	·00	·00	·00	·14	6
7	·43	·00	1·07	·00	·70	·00	·00	·00	·07	·00	·06	·00	7
8	·25	·00	·27	·00	·02	·09	·00	·00	·00	·00	·00	·00	8
9	·28	·00	·30	·02	·00	·02	·00	·00	·00	·00	·00	·00	9
10	·37	·00	·50	·00	·00	·00	·00	·00	·00	·00	·07	·13	10
11	·00	·00	1·21	·17	·08	·00	·12	·00	·07	·04	·00	·01	11
12	·00	·00	·60	·17	·09	·04	·10	·00	·03	·02	·11	·00	12
13	·00	·00	·51	·12	·00	·01	·05	·12	·00	·33	·15	·05	13
14	·13	·00	·28	·39	·00	·00	·00	·05	·00	·01	·00	·06	14
15	·38	·45	·00	·25	·00	·00	·00	·04	·00	·04	·14	·54	15
16	·27	·23	·00	·05	·00	·04	·00	·00	·00	·00	·28	·01	16
17	·13	·18	·00	·00	·00	·11	·00	·29	·00	·00	·79	·00	17
18	·10	·80	·00	·15	·00	·00	·02	·24	·26	·00	·03	·32	18
19	·00	·20	x·00	·00	·00	·18	·37	·06	·10	·00	·36	·07	19
20	·70	·29	x·00	·00	·00	·13	·13	·04	·00	·00	·10	1·04	20
21	·37	·60	x·00	·00	·00	·06	·23	·00	·03	·00	·10	·22	21
22	·50	·48	·00	·00	·00	·15	·00	·29	·40	·00	·20	·68	22
23	·00	·22	·00	·00	·00	·13	·00	·01	·00	·80	·09	·11	23
24	·00	·00	·00	·00	·09	·04	·00	·05	·49	·21	·30	·60	24
25	·00	·00	·00	·23	·00	·14	·00	·71	·15	·00	·33	·16	25
26	·19	·30	1·44	·30	·00	·11	·00	·56	·09	·00	·10	·68	26
27	·10	·00	·00	·20	·00	·02	·00	·06	·00	·00	·05	·06	27
28	·00	·00	·42	·10	·00	·02	·00	·50	·00	·12	·00	·48	28
29	·00		·00	·13	·00	·00	·00	·02	·00	·35	·00	·26	29
30	·00		·00	·00	·00	·12	·00	·00	·00	·17	·39	·39	30
31	·00		·10		·00		·36	·00		·04		·03	31
Total	6·28	3·75	7·38	·10 ~~2·45~~ 2·55	~~1·91~~ 1·81	1·57	2·62	3·57	2·09	2·43	3·92	7·29	YEAR'S TOTAL 45·26
Days with ·01 in. or more	19	10	14	16	19	18	12	18	13	13	22	26	199

(44,283). Wt.21,958—218. 7500. 10/19. G. 132. A.&E.W.

P.S. March 26th 1·44 = 10 days Rainfall Gauge frozen

No. 2 2639

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1920.

Kept at Coldwell Reservoir (No. 2 Gauge).
in the County of Lancaster.
by Smith Whitehead.

Lat. 53° 49′ 18″ Long. 2° 9′ 5″
Time of Observation 9. a. m.
Nearest Railway Station Nelson
Diameter of Funnel of Rain Gauge 5″ in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 950 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·98

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·02	·01	·14	·20	·57	·02	·40	·08	·26	·10	·12	·13	1
2	·00	·00	·00	·06	·09	·00	·15	·02	·36	·09	·01	·29	2
3	·04	·09	·09	·14	·10	·00	·33	·10	·41	·58	·00	·30	3
4	·02	·00	·00	·16	·08	·00	·23	·37	·06	·84	·00	·06	4
5	·00	·00	·07	·00	·57	·02	·22	·17	·25	·26	·02	·01	5
6	·00	·00	·46	·13	·24	·00	·04	·00	·00	·01	·12	·21	6
7	·24	·11	·11	·03	·12	·00	·21	·00	·02	·00	·05	·01	7
8	·08	·00	·00	·77	·18	·00	·16	·27	·01	·00	·01	·00	8
9	·59	1·49	·07	·50	·00	·00	·14	·06	·05	·00	·11	·01	9
10	1·02	·44	·08	·08	·00	·00	·35	·08	·00	·00	·00	·01	10
11	·09	·07	·12	·15	·25	·24	·00	·01	·00	·00	·00	·08	11
12	·17	·20	·19	·56	·08	·15	·15	·00	·03	·00	·23	·06	12
13	·21	·12	·19	·34	·10	·64	·20	·00	·01	·00	·37	·03	13
14	·01	·08	·37	·26	·00	·64	·06	·00	·35	·04	·59	·17	14
15	·02	·19	·25	·26	·00	·00	·00	·00	·02	1·10	·10	·01	15
16	·00	·00	·29	·05	·13	·00	·59	·00	·28	·00	·25	·00	16
17	·17	·00	·05	·00	·13	·00	·06	·36	·18	·02	·04	·00	17
18	·24	·00	·02	·17	·71	·00	·00	·07	·03	·00	·00	·00	18
19	·15	·44	·00	·10	·43	·20	·07	·13	·00	·00	·00	·00	19
20	·19	·00	·00	·35	·00	·06	·36	·00	·11	·00	·00	·07	20
21	·00	·00	·01	·00	·00	·00	·75	·04	·07	·00	·00	·21	21
22	·12	·00	·00	·33	·00	·14	·42	·08	·00	·00	·00	·10	22
23	·00	·00	·03	·17	·00	·00	·23	·02	·00	·00	·00	·37	23
24	·13	·00	·62	·22	·00	·02	·17	·01	·00	·00	·00	·18	24
25	·00	·11	·12	·19	·00	·07	·74	·01	·00	·00	·00	·00	25
26	·09	·25	·43	·43	·85	·00	·24	·00	·00	·00	·04	·05	26
27	·21	·05	·11	·06	·47	·65	·01	·00	·00	·00	·22	·01	27
28	·22	·06	·56	·12	·23	·04	·03	·00	·00	·00	·04	·19	28
29	·54	·00	·18	·11	·75	·02	·44	·00	·06	·00	·13	·71	29
30	·25		·03	·09	·06	·16	·00	·00	·14	·00	·25	·30	30
31	·27		·05		·19		·03	·00		·53		·06	31
TOTAL	5·09	3·71	4·64	6·03	6·33	3·07	6·78	1·87	2·70	3·57	2·70	3·63	YEAR'S TOTAL 50·12 ✓
Days with ·01 in. or more	24	15	25	27	21	15	27	17	19	10	18	25	243 ✓
Days with ·04 in. or more	20	14	21	26	21	11	24	12	13	8	15	18	203 ✓

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

2945.

NELSON

VICTORIA PARK.

1918 – 20

RE 8.

FORM A.
BRITISH RAINFALL
8. 1. 19

Kept at Victori 9 a.m.

in the County of Lan Nelson.

by Nelson Corpor

in Gauge 5 in.

ove Ground 1 ft. 0 in.

Sea Level 360. ft.

IMPORTANT N d the result entered to the previous day. If an iversal rule, he is earnestly requested to add the year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·005	·12	·00	·03	·00	·00	·00	·00	·22	·10	·00	·72	1
2	·00	·11	·00	·01	·00	·00	·00	·00	·79	·11	·45	·55	2
3	·00	·02	·01	·00	·47	·00	·00	·00	·37	·62	·00	·11	3
4	·04	·00	·01	·00	·06	·00	·00	·12	·01	·27	·03	·11	4
5	·02	·00	·03	·19	·16	·00	·00	·69	·54	·60	·61	·00	5
6	·14	1·40	·00	·37	·00	·00	·00	·10	·03	·30	·09	·02	6
7	·00	·18	·00	·13	·00	·33	·00	·04	·13	·42	·00	·01	7
8	·21	·12	·04	·00	·00	·00	·23	·05	·20	·12	·40	·00	8
9	·42	·57	·00	·04	·00	·00	·14	·00	·81	·60	·05	·09	9
10	·07	1·36	·00	·00	·00	·23	·23	·00	1·00	·12	·34	·01	10
11	·39	·23	·02	·03	·67	·00	·21	·02	·31	·00	·00	·03	11
12	·11	·44	·00	·02	·05	·00	·01	·00	·28	·05	·00	·36	12
13	·67	·01	·00	·05	·23	·03	·00	·00	·30	·47	·00	·02	13
14	·41	·00	·00	·00	·01	·14	·22	·00	~~·31~~	·08	·00	·50	14
15	·06	·00	·00	·00	·00	·03	·42	·01	·71	·00	·00	·56	15
16	·00	·00	·00	·00	·00	·22	·46	·00	1·94	·01	·00	·03	16
17	·20	·00	·00	·00	·00	·01	·27	·27	·23	·38	·00	·25	17
18	·44	·00	·69	·00	·00	·03	·17	·21	·07	·00	·00	·51	18
19	·24	·15	·12	·07	·00	·00	·27	·00	·37	·00	·00	·62	19
20	·10	·65	·00	·07	·01	·18	·16	·48	·32	·00	·00	·00	20
21	·22	·49	·00	·00	·16	·23	·00	·03	·16	·02	·00	·00	21
22	·11	·06	·00	·00	·31	·13	·10	·03	·43	·00	·13	1·14	22
23	·05	·61	·00	·00	·07	~~·00~~	·25	·00	·33	·00	·07	·09	23
24	·62	·21	·00	·00	·00	·00	·27	·00	·17	·04	·01	·04	24
25	·00	·00	·00	·00	·06	·00	·15	·15	·14	·00	·03	·00	25
26	·00	·26	·00	·00	·00	·95	·02	·21	·28	·20	·18	·10	26
27	·00	·18	·43	·00	·00	·00	·00	·02	·50	·08	·08	1·10	27
28	·00	·68	·34	·00	·00	·10	·00	·59	1·29	·00	·00	1·20	28
29	·00		·00	·00	·00	·00	·00	·03	·15	·04	·00	·35	29
30	·00	╳	·14	·00	·00	·00	·00	·02	·00	·00	·20	(·23)	30
31	·00	╳	·17	╳	·00	╳	·00	·31	╳	·00	╳	·62	31
Total	3·325	6·65	1·40	1·01	1·66	2·61	3·58	3·48	12·08 ~~12·39~~	4·63	2·67	8·77	YEAR'S TOTAL ~~52·175 in~~ 51·865
Rain Days.	19	20	11	11	12	13	17	19	~~29~~ 28	20	14	26	210

W. 8,000, VIII. 16

RE 8.

FORM A. BRITISH RAINFALL
8. 1. 18

Kept at Victoria Park,
in the County of Lancaster.
by Nelson Corporation per. S. Whitehead.

Lat. Long.
Time of Observation 9. a. m.
Nearest Railway Station Nelson.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 360. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·005	·12	·00	·03	·00	·00	·00	·00	·22	·10	·00	·72	1
2	·00	·11	·00	·01	·00	·00	·00	·00	·79	·11	·45	·55	2
3	·00	·02	·01	·00	·47	·00	·00	·00	·37	·62	·00	·11	3
4	·04	·00	·01	·00	·06	·00	·00	·12	·01	·27	·03	·11	4
5	·02	·00	·03	·19	·16	·00	·00	·69	·54	·60	·61	·00	5
6	·14	1·40	·00	·37	·00	·00	·00	·10	·03	·30	·09	·02	6
7	·00	·18	·00	·13	·00	·33	·00	·04	·13	·42	·00	·01	7
8	·21	·12	·04	·00	·00	·00	·23	·05	·20	·12	·40	·00	8
9	·42	·57	·00	·04	·00	·00	·14	·00	·81	·60	·05	·09	9
10	·07	1·36	·00	·00	·00	·23	·23	·00	1·00	·12	·34	·01	10
11	·39	·23	·02	·03	·67	·00	·21	·02	·31	·00	·00	·03	11
12	·11	·44	·00	·02	·05	·00	·01	·00	·28	·05	·00	·36	12
13	·67	·01	·00	·05	·23	·03	·00	·00	·30	·47	·00	·02	13
14	·41	·00	·00	·00	·01	·14	·22	·00	~~·31~~	·08	·00	·50	14
15	·06	·00	·00	·00	·00	·03	·42	·01	·71	·00	·00	·56	15
16	·00	·00	·00	·00	·00	·22	·46	·00	1·94	·01	·00	·03	16
17	·20	·00	·00	·00	·00	·01	·27	·27	·23	·38	·00	·25	17
18	·44	·00	·69	·00	·00	·03	·17	·21	·07	·00	·00	·51	18
19	·24	·15	·12	·07	·00	·00	·27	·00	·37	·00	·00	·62	19
20	·10	·65	·00	·07	·01	·18	·16	·48	·32	·00	·00	·00	20
21	·22	·49	·00	·00	·16	·23	·00	·03	·16	·02	·00	·00	21
22	·11	·06	·00	·00	·31	·13	·10	·03	·43	·00	·13	1·14	22
23	·05	·61	·00	·00	·07	~~·00~~	·25	·00	·33	·00	·07	·09	23
24	·62	·21	·00	·00	·00	·00	·27	·00	·17	·04	·01	·04	24
25	·00	·00	·00	·00	·06	·00	·15	·15	·14	·00	·03	·00	25
26	·00	·26	·00	·00	·00	·95	·02	·21	·28	·20	·18	·10	26
27	·00	·18	·43	·00	·00	·00	·00	·02	·50	·08	·08	1·10	27
28	·00	·68	·34	·00	·00	·10	·00	·59	1·29	·00	·00	1·20	28
29	·00		·00	·00	·00	·00	·00	·03	·15	·04	·00	·35	29
30	·00	X	·14	·00	·00	·00	·00	·02	·00	·00	·20	(·23)	30
31	·00	X	·17	X	·00	X	·00	·31	– X	·00	X	·62	31
Total	3·325	6·65	1·40	1·01	1·66	2·61	3·58	3·48	12·08 ~~12·39~~	4·63	2·67	8·77	YEAR'S TOTAL ~~52·175 in~~ 51·865
Rain Days.	19	20	11	11	12	13	17	19	~~29~~ 28	20	14	26	210

W. 8,000, VIII. 16

~~W~~ JL [illegible]

2756

6 JAN 20

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1919.

Kept at Victoria Park. Nelson

in the County of Lancaster.

by Smith Whitehead, A.M.I.C.E.

Lat. 53°50'9" Long 2° 13' 33"

Time of Observation 9 a.m.

Nearest Railway Station Nelson.

Diameter of Funnel of Rain Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 0 in.

„ „ „ „ Sea Level 360. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·66	·00	·01	·02	(·33)	·00	·36	·15	·54	·30	·03	·13	1
2	·30	·00	·17	·00	·07	·00	·14	·11	·07	·00	·02	·23	2
3	·83	·00	·00	·00	·19	·10	·60	·00	·07	·00	·14	·53	3
4	·41	·03	·34	·00	·01	·00	·01	·10	·01	·04	·02	·17	4
5	·04	·00	·00	·04	·02	·00	·00	·00	·09	·02	·02	·39	5
6	·09	·00	·78	·06	·59	·00	·00	·00	·08	·00	·03	·16	6
7	·08	·00	·27	·02	·03	·00	·00	·00	·04	·00	·06	·00	7
8	·13	·00	·07	·03	·00	·06	·00	·00	·00	·00	·00	·00	8
9	·51	·00	·08	·01	·00	·04	·00	·00	·00	·00	·02	·00	9
10	·00	·00	1·33	·15	·17	·00	·00	·00	·00	·00	·04	·13	10
11	·02	·00	1·07	·17	·24	·03	·06	·00	·01	·00	·01	·02	11
12	·01	·00	·38	·12	·00	·00	·10	·00	·00	·02	·45	·00	12
13	·19	·00	·00	·20	·00	·00	·07	·07	·00	·03	·00	·00	13
14	·34	·00	·00	·25	·00	·00	·00	·05	·00	·30	·00	·63	14
15	·24	·15	·00	·04	·00	·07	·00	·08	·00	·01	·00	·34	15
16	·28	·32	·00	·01	·00	·00	·00	·00	·00	·04	·00	·02	16
17	·07	·03	·00	·14	·03	·11	·00	·33	·00	·03	1·09	·01	17
18	·00	·00	·38	·00	·00	·00	·01	·12	·29	·00	·05	·49	18
19	·06	·30	·53	·00	·00	·20	(·04)	·11	·05	·00	·32	·08	19
20	·23	·11	·12	·00	·00	·14	·10	·10	·00	·00	·16	·97	20
21	·07	·32	·00	·00	·00	·09	·20	·00	·07	·00	·13	·29	21
22	·00	·11	·00	·00	·00	·15	·00	·40	·38	·00	·22	·80	22
23	·00	·00	·00	·02	·01	·15	·00	·01	·00	·93	·10	·17	23
24	·00	·00	·00	·20	·07	·03	·00	·02	·61	·13	·35	·64	24
25	·28	·01	·00	·43	·00	·10	·00	·41	·30	·00	·27	·00	25
26	·21	·00	·60	·18	·00	·06	·00	·45	·05	·00	·06	·50	26
27	·26	·01	·03	·21	·00	·00	·00	·01	·02	·00	·04	·07	27
28	·00	·01	·00	·02	·00	·01	·00	·59	·00	·03	·00	·41	28
29	·06	~~·00~~	·00	·00	·00	·00	·00	·04	·00	·34	·00	·28	29
30	·00		·10	·11	·00	·10	·00	·05	·00	·09	·35	·27	30
31	·01.		·04		·00		·54	·01		(·20) ~~·31~~		·03	31
TOTAL	5·38	1·40	6·30	2·37	1·86	1·44	2·33✓	3·81	2·70	2·51✓	3·98	7·79	YEAR'S TOTAL 41·87
Days with ·01 in. or more	24	11	17	20	12.	16	12	20	16	15	23	25	214

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

2640

JAN 13

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Victoria Park
in the County of Lancaster
by Nelson Corporation Water Dept

Lat. 53° 50′ 9″ Long. 2° 13′ 33″
Time of Observation 9. a. m.
Nearest Railway Station Nelson
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 360 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·02	·01	·08	·15	·36	·01	·20	·03	·29	·05	·14	·12	1
2	·00	·00	·02	·06	·04	·00	·40	·03	·40	·14	·00	·21	2
3	·00	·00	·10	·06	·11	·00	·00	·04	·44	·22	·00	·62	3
4	·02	·00	·01	·13	·02	·00	·23	·14	·04	·64	·00	·07	4
5	·00	·00	·04	·00	·78	·00	·16	·56	·19	·25	·00	·08	5
6	·00	·00	·50	·14	·30	·00	·16	·19	·00	·00	·09	·11	6
7	·32	·12	·12	·06	·11	·00	·05	·00	·02	·00	·05	·00	7
8	·29	·00	·00	·20	·34	·00	·24	·00	·00	·00	·02	·00	8
9	·42	1·93	·04	·39	·00	·00	·05	·23	·03	·00	·09	·02	9
10	1·62	·84	·02	·18	·00	·00	·04	·08	·00	·00	·00	·03	10
11	·19	·04	·04	·03	·21	·12	·37	·02	·00	·00	·00	·04	11
12	·24	·28	·33	·29	·14	·16	·00	·00	·00	·00	·32	·07	12
13	·30	·12	·17	·15	·09	·50	·18	·00	·00	·00	·61	·12	13
14	·03	·08	·27	·13	·00	·37	·27	·00	·29	·05	·74	·01	14
15	·03	·24	·05	·23	·00	·00	·10	·00	·02	·14	·11	·00	15
16	·00	·00	·21	·08	·11	·00	·00	·00	·15	·00	·41	·00	16
17	·17	·00	·05	·00	·12	·01	·70	·00	·18	·00	·00	·00	17
18	·31	·00	·03	·07	·90	·02	·10	·44	·03	·00	·00	·00	18
19	·18	·58	·00	·09	·51	·26	·00	·04	·00	·00	·00	·00	19
20	·23	·00	·00	·33	·00	·01	·13	·22	·06	·00	·00	·04	20
21	·00	·00	·00	·00	·00	·00	·26	·00	·00	·00	·00	·18	21
22	·13	·00	·00	·17	·00	·11	·60	·03	·00	·00	·00	·22	22
23	·00	·00	·04	·13	·00	·00	·53	·10	·00	·00	·02	·25	23
24	·08	·00	·64	·26	·00	·10	·22	·00	·00	·00	·00	·28	24
25	·00	·10	·14	·31	·00	·01	·21	·01	·00	·00	·00	·01	25
26	·00	·19	·54	·72	·73	·00	·70	·00	·00	·00	·01	·03	26
27	·02	·04	·14	·13	·36	·00	·15	·00	·00	·00	·15	·00	27
28	·45	·05	·25	·15	·05	·03	·01	·00	·00	·00	·02	·24	28
29	·17	·01	·17	·12	·87	·14	·04	·00	·00	·00	·13	·40	29
30	·28		·03	·00	·09	·00	·46	·00	·17	·00	·17	·19	30
31	·31		·05		·19		·00	·00		·25		·16	31
Total	5·81	4·63	4·08	4·76	6·43	1·85	6·56	2·16	2·31	1·74	3·08	3·42	Year's Total 46·83 ✓
Days with ·01 in. or more	22	15	26	26	21	14	26	15	14	8	16	22	225 ✓
Days with ·04 in. or more	17	13	21	25	20	8	25	10	10	8	12	14	186 ✓

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

91

FORM A.
BRITISH RAINFALL.

8. 1. 18

NEWCHURCH IN ROSSENDALE
THE RECTORY
LANCASHIRE

1918

REC

Kept at The Rectory, N ... m.

... terfoot.

in the County of S. La

... ge 5 in.

by Rev. J. S. Add

... ound 1 ft. in.

... a Level 775. ft.

IMPORTANT N ... result entered to the previous day. If an ... l rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following ... n the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Director, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·	·29	·	·09	·03	·	·	·	·84	·08	·38	·49	1
2	·	·23	·01	·02	·	·	·	·	·34	·14	·01	·13	2
3	·	·07	·03	·	1·06	·	·	·	·02	·69	·	·40	3
4	·06	·03	·	·	·	·	·	·23	·24	·35	·83	·30	4
5	·01	~~1·43~~ ·03	·04	·08	·24	·01	·	·68	·09	·73	·05	·03	5
6	·06	1·43	·	·40	·	·25	·	·17	·	·23	·	·05	6
7	·	·26	·	·11	·	·	·	·03	·55	·39	·37	·04	7
8	·19	·18	·12	·	·	·	·25	·	1·00	·49	·08	·08	8
9	·	·98	·	·01	·	·28	·02	·	·87	·55	·02	·02	9
10	·18	·80	·01		·	·	·06	·	·69	·15	·55	·03	10
11	·27	·13	·05	·10	·08	·	·06	·02	·30	·13	·	·20	11
12	·	·42	·	·01	·04	·	·21	·	·43	·28	·	·39	12
13	·	·	·	·	·10	·	·	·	·25	·	·	·	13
14	·96	·	·	·01	·	·03	·19	·	·62	·24	·	·22	14
15	·12	·	·	·	·	·12	·63	·	1·30	·	·	·95	15
16	·	·	·	·05	·	·18	·45	·15	·51	·01	·	·31	16
17	·23	·	·	·	·	·05	·17	·14	·09	·18	·	·72	17
18	·54	·	·13	·05	·	·28	·26	·05	·35	·	·	·33	18
19	·25	·07	·19	·10	·02	·	·32	·23	1·10	·04	·	1·25	19
20	·21	·	·	·02	·04	·12	·23	·	·43	·	·	·	20
21	·51	1·30	·	·	·91	·16	·	·	·80	·02	·	·19	21
22	·15	·	·	·	·50	·05	·49	·01	·11	~~·04~~	·	1·20	22
23	·07	·01	·	·	·17	·	·43	·	·11	·01	·07	·20	23
24	·09	·13	·	·	·	·	·22	·04	·39	·01	·02	·	24
25	·	·	·	·	·05	·23	·32	·65	·07	·04	·03	·10	25
26	·	·12	·	·	·	·	·03	·12	·96	·	·30	·	26
27	·	·10	·70	·	·	·08	·02	·47	·52	·03	·14	·87	27
28	·	·06	·28	·	·	·	·	·15	·10	·04	·	·60	28
29	·		·09	·	·	·	·	·01	·01	·	·01	·37	29
30	·	X	·42	·	·	·	·	·15	·	·03	·17	·51	30
31	·	X	·42	X	·	X	·	·20	X	·01	X	·	31
Total	3·90	6·64	2·47	1·05	3·34	1·84	4·36	3·50	13·09	4·87	3·03	9·98	YEAR'S TOTAL 58·07
Rain Days.	16	19	13	13	12	13	18	18	28	24	15	26	215

W. 6,500, VII. 18. W W C

REC

FORM A.
BRITISH RAINFALL

8. 1. 19

Kept at The Rectory, Newchurch in Rossendale
in the County of Lancaster
by Rev. J. S. Addison

Time of Observation 9 a. m.
Nearest Railway Station Waterfoot.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. - in.
„ „ „ „ Sea Level 775 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·	·29	·	·09	·03	·	·	·	·84	·08	·38	·49	1
2	·	·23	·01	·02	·	·	·	·	·34	·14	·01	·13	2
3	·	·07	·03	·	1·06	·	·	·	·02	·69	·	·40	3
4	·06	·03	·	·	·	·	·	·23	·24	·35	·83	·30	4
5	·01	·03 ~~1·43~~	·04	·08	·24	·01	·	·68	·09	·73	·05	·03	5
6	·06	1·43	·	·40	·	·25	·	·17	·	·23	·	·05	6
7	·	·26	·	·11	·	·	·	·03	·55	·39	·37	·04	7
8	·19	·18	·12	·	·	·	·25	·	1·00	·49	·08	·08	8
9	·	·98	·	·01	·	·28	·02	·	·87	·55	·02	·02	9
10	·18	·80	·01	·	·	·	·06	·	·69	·15	·55	·03	10
11	·27	·13	·05	·10	·08	·	·26	·02	·30	·13	·	·20	11
12	·	·42	·	·01	·04	·	·21	·	·43	·28	·	·39	12
13	·	·	·	·	·10	·	·	·	·25	·	·	·	13
14	·96	·	·	·01	·	·03	·19	·	·62	·24	·	·22	14
15	·12	·	·	·	·	·12	·63	·	1·30	·	·	·95	15
16	·	·	·	·05	·	·18	·45	·15	·51	·01	·	·31	16
17	·23	·	·	·	·	·05	·17	·14	·09	·18	·	·72	17
18	·54	·	·13	·05	·	·28	·26	·05	·35	·	·	·33	18
19	·25	·07	·19	·10	·02	·	·32	·23	1·10	·04	·	1·25	19
20	·21	·	·	·02	·04	·12	·23	·	·43	·	·	·	20
21	·51	1·30	·	·	·91	·16	·	·	·80	·02	·	·19	21
22	·15	·	·	·	·50	·05	·49	·01	·11	~~·01~~	·	1·20	22
23	·07	·01	·	·	·17	·	·43	·	·11	·01	·07	·20	23
24	·09	·13	·	·	·	·	·22	·04	·39	·01	·02	·	24
25	·	·	·	·	·05	·23	·32	·65	·07	·04	·03	·10	25
26	·	·12	·	·	·	·	·03	·12	·96	·	·30	·	26
27	·	·10	·70	·	·	·08	·02	·47	·52	·03	·14	·87	27
28	·	·06	·28	·	·	·	·	·15	·10	·04	·	·60	28
29	·		·09	·	·	·	·	·01	·01	·	·01	·37	29
30	·	╳	·42	·	·	·	·	·15	·	·03	·17	·51	30
31	·	╳	·42	╳	·	╳	·	·20	╳	·01	╳	·	31
Total	3·90	6·64	2·47	1·05	3·34	1·84	4·36	3·50	13·09	4·87	3·03	9·98	YEAR'S TOTAL 58·07
Rain Days.	16	19	13	13	12	13	18	18	28	24	15	26	215

W. 6,500, VII. 18. W W C

NEWTON ~~IN~~ CARTMEL
W. W.
LANCASHIRE
1912

FORM A2.
BRITISH RAINFALL.
7 JAN 191

2.

Kept at Waterwork

in the County of

GRANG

by Thos Hu

Zambra "Dial"

O in. square

Ground 1 ft. — in.

Sea Level 586 ft.

a.m.

Name Grange-over-Sands

Distance 5 miles Direction S.E.

IMPORTANT

the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.01	.01	.44	.02	.06	.31	.10	.16	.22	.00	.00	.25	1
2	.05	.00	.76	.06	.12	.38	.09	.00	.05	.01	.00	.22	2
3	.41	.00	.03	.04	.04	.37	.00	.42	.88	.00	.03	.48	3
4	.31	.00	.67	.63	.09	.04	.00	1.22	.15	.00	1.77	.11	4
5	.08	.00	.11	.00	.29	.06	.00	.14	.03	.33	.00	.00	5
6	.21	.42	.00	.01	.17	.01	.00	.10	.00	.01	.01	.05	6
7	.00	.40	.06	.02	.20	.05	.30	.09	.25	.01	.26	.04	7
8	.93	.41	.09	.04	.07	.02	.00	.00	.06	.00	.51	.08	8
9	.02	.23	.36	.23	.00	.20	.00	.09	.00	.00	.25	.36	9
10	.04	.01	.00	.11	.06	.21	.46	.25	.00	.00	.57	.08	10
11	.05	.00	.18	.00	.06	.00	.16	.08	.00	.00	.00	.18	11
12	.38	.04	.91	.00	.00	.25	.02	.01	.00	.00	.00	.10	12
13	.06	.01	.29	.00	.00	.07	.00	.11	.00	.84	.02	.43	13
14	.38	.20	.35	.00	.00	.20	.00	.12	.00	.01	.00	.33	14
15	.28	.15	.03	.00	.02	.40	.00	.05	.01	.09	.00	.08	15
16	.73	.00	.57	.00	.05	.10	.00	.11	.00	.53	.03	.01	16
17	.11	.28	.25	.00	.04	1.10	.00	.90	.00	.01	.03	.46	17
18	.00	.16	.05	.00	.00	.18	.00	.02	.00	.35	.10	.35	18
19	.10	.04	.56	.00	.08	.04	.00	.31	.00	.13	.10	.02	19
20	.15	.00	.00	.00	1.16	.03	.00	.24	.01	.46	.05	.42	20
21	.01	.27	.16	.00	.01	.06	.10	.15	.00	.25	.01	.05	21
22	.01	.33	.01	.00	.24	.02	.00	.39	.00	.00	.18	.01	22
23	.00	.00	.22	.00	.00	.00	.46	.48	.00	.00	.63	.32	23
24	.00	.16	.21	.00	.00	.44	1.06	.03	.01	.11	.01	.13	24
25	.00	.05	.15	.00	.00	.50	.00	.38	.00	.01	.32	.08	25
26	.00	.29	.24	.00	.00	.14	.00	.01	.00	2.48	.21	.24	26
27	.00	.09	.43	.00	.00	.99	1.09	.00	.00	.45	.00	.47	27
28	.01	.17	.07	.00	.00	.00	.19	.88	.00	.90	.01	.01	28
29	.01	.11	.10	.00	.00	.11	.44	.14	.26	.23	.06	.17	29
30	.05	—	.41	.00	.06	.02	.06	.01	.17	.04	.03	.22	30
31	.00	—	.17	—	.15	—	1.68	.61	—	.00	—	.30	31
Total	4.39	3.83	7.88	1.16	2.97	6.30	6.21	7.50	2.09	7.25	5.13	6.05	TOTAL for year 60.76
No. of Rain Days.	23	21	28	9	19	27	14	28	12	20	22	30	253

W. 8,000, X. '11.

2.

FORM A2. BRITISH RAINFALL.

7 JAN 191

Kept at Waterworks Newton. in. Cartmel

in the County of Lancaster N2

by Thos Huddleston

THE GRANGE URBAN DISTRICT COUNCIL
ENGINEER & SURVEYOR.

RAIN GAUGE
Pattern Negretti & Zambra "Dial"
~~Diameter of~~ Top 10 in. square
Height of top above Ground 1 ft. — in.
" " " Sea Level 586 ft.

Time of Observation 9 a.m.

Nearest Railway Station
Name Grange. over. Sands
Distance 5 miles Direction S.E.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·01	·01	·44	·02	·06	·31	·10	·16	·22	·00	·00	·25	1
2	·05	·00	·76	·06	·12	·38	·09	·00	·05	·01	·00	·22	2
3	·41	·00	·03	·04	·04	·37	·00	·42	·58	·00	·03	·48	3
4	·31	·00	·67	·63	·09	·04	·00	1·22	·15	·00	1·77	·11	4
5	·08	·00	·11	·00	·29	·06	·00	·14	·02	·33	·00	·00	5
6	·21	·42	·00	·01	·17	·01	·00	·10	·00	·01	·01	·05	6
7	·00	·40	·06	·02	·20	·05	·30	·09	·25	·01	·26	·04	7
8	·93	·41	·09	·04	·07	·02	·00	·00	·06	·00	·51	·08	8
9	·02	·23	·36	·23	·00	·20	·00	·09	·00	·00	·25	·36	9
10	·04	·01	·00	·11	·06	·21	·46	·25	·00	·00	·57	·08	10
11	·05	·00	·18	·00	·06	·00	·16	·08	·00	·00	·00	·18	11
12	·38	·04	·91	·00	·00	·25	·02	·01	·00	·00	·00	·10	12
13	·06	·01	·29	·00	·00	·07	·00	·11	·00	·84	·02	·43	13
14	·38	·20	·35	·00	·00	·20	·00	·12	·00	·01	·00	·33	14
15	·28	·15	·03	·00	·02	·40	·00	·05	·01	·09	·00	·08	15
16	·73	·00	·57	·00	·05	·10	·00	·11	·00	·53	·03	·01	16
17	·11	·28	·25	·00	·04	1·10	·00	·90	·00	·01	·03	·46	17
18	·00	·16	·05	·00	·00	·18	·00	·02	·00	·35	·10	·35	18
19	·10	·04	·56	·00	·08	·04	·00	·31	·00	·13	·10	·02	19
20	·15	·00	·00	·00	1·16	·03	·00	·24	·01	·46	·05	·42	20
21	·01	·27	·16	·00	·01	·06	·10	·15	·00	·25	·01	·05	21
22	·01	·33	·01	·00	·24	·02	·00	·39	·00	·00	·18	·01	22
23	·00	·00	·22	·00	·00	·00	·46	·48	·00	·00	·63	·32	23
24	·00	·16	·21	·00	·00	·44	1·06	·03	·01	·11	·01	·13	24
25	·00	·05	·15	·00	·00	·50	·00	·38	·30	·01	·32	·08	25
26	·00	·29	·24	·00	·00	·14	·00	·01	·00	2·48	·21	·24	26
27	·00	·09	·43	·00	·00	·99	1·09	·00	·00	·45	·00	·47	27
28	·01	·17	·07	·00	·00	·00	·19	·88	·00	·90	·01	·01	28
29	·01	·11	·10	·00	·00	·11	·44	·14	·26	·23	·06	·17	29
30	·05	—	·41	·00	·06	·02	·06	·01	·17	·04	·03	·22	30
31	·00	—	·17	—	·15	—	1·68	·61	—	·00	—	·30	31
Total	4·39	3·83	7·88	1·16	2·97	6·30	6·21	7·50	2·09	7·25	5·13	6·05	TOTAL for year 60·76
No. of Rain Days.	23	21	28	9	19	27	14	28	12	20	22	30	253

W. 8,000, X. '11.

REGISTER OF RAINFALL IN 1913

FORM A.
BRITISH RAINFALL.
1-JAN 1914

Kept at Newton-in-Cartmel Waterworks

in the County of Lancaster N ✓

by Thos Huddleston

Lat. Long.

Time of Observation 9 a.m.

Nearest Railway Station Grange-over-Sands

~~Diameter of~~ Rain Gauge 10 ins square.

Height of top of Gauge above Ground 1 ft. 7 in.

" " " " Sea Level 586 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·06	·06	·23	·01	·01	·00	·00	·00	·00	·00	·12	·00	1
2	·16	·15	·51	·09	·00	·27	·00	·01	·00	·00	·26	·33	2
3	·15	·06	·20	·01	·62	·00	·00	·00	·00	·01	·02	·41	3
4	·49	·16	·03	·00	·02	·07	·07	·00	·00	·00	·43	·36	4
5	·53	·10	·02	·00	·02	·35	·00	·02	·00	·02	·01	·12	5
6	·27	·22	·28	·00	·73	·45	·27	·00	·00	·00	·03	·03	6
7	·07	·45	·07	·00	·10	·30	·00	·01	·00	·73	·00	·19	7
8	·00	·32	·13	·00	·08	·02	·03	·22	·01	·09	·14	·14	8
9	·00	·43	·30	·06	·16	·65	·02	·29	·00	·00	·20	·15	9
10	·00	·61	·47	·06	·02	·02	·00	·00	·02	·17	·41	·00	10
11	·00	·01	·01	·41	·00	·11	·16	·00	·01	·05	·07	·27	11
12	·20	·01	·00	·08	·01	·00	·04	·00	·65	·00	·57	·13	12
13	·05	·02	·36	·07	·01	·00	·01	·06	·26	·22	·32	·00	13
14	·02	·01	·06	·11	·00	·00	·00	·00	·04	·80	·09	·05	14
15	·03	·00	·26	·94	·00	·00	·01	·02	·00	·00	·29	·07	15
16	·00	·00	·04	·11	·01	·00	·04	·00	·00	·00	·33	·01	16
17	·06	·00	·01	·32	·03	·12	·07	·00	·00	·00	·43	·00	17
18	·16	·00	·42	·28	·04	·21	·04	·00	·00	·01	·33	·00	18
19	·07	·00	·01	·19	·24	·07	·00	·00	·00	·16	·31	·00	19
20	·00	·00	·01	·20	·16	·14	·00	·03	·00	·41	·86	·00	20
21	·00	·00	·13	·00	·07	·00	·14	·77	·00	·11	·00	·00	21
22	·61	·00	·58	·00	·24	·00	·00	·49	·22	·05	·02	·00	22
23	·40	·00	·05	·00	·13	·29	·00	·23	·50	·00	·17	·12	23
24	·49	·08	·01	·22	·01	·28	·00	·01	·00	·02	·12	·15	24
25	·00	·00	·00	·20	·01	·01	·00	·01	·79	·16	·09	·51	25
26	·00	·07	·00	·66	·00	·01	·00	·00	·67	·08	·04	·38	26
27	·00	·01	·00	·67	·00	·02	·00	·00	·00	·29	·02	·03	27
28	·42	·00	·12	·36	·08	·00	·00	·00	·00	·15	·00	·10	28
29	·00		·24	·73	·03	·00	·00	·13	·00	·25	·10	·00	29
30	·48		·02	·00	·56	·01	·00	·00	·00	·07	·02	·00	30
31	·10		·04		·01		·00	·00		·01		·00	31
Total	4·82	2·77	4·55	5·78	3·40	3·40	·90	2·30	3·17	3·86	5·80	3·55	YEAR'S TOTAL 44·30
Rain Days.	20	17	27	21	25	19	12	14	10	21	27	19	232

Esc DL

REGISTER OF RAINFALL IN 1914.

FORM A.
BRITISH RAINFALL.
8 -JAN 1915

Kept at Waterworks. Newton-in-Cartmel
in the County of Lancaster N 2
by Thos. Huddleston

Lat. Long.
Time of Observation 9.0 a.m.
Nearest Railway Station Grange-over-Sands
~~Diameter of~~ Rain Gauge 10 in 5 square
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 586 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·01	·06	·22	·00	·00	·01	·63	·38	·00	·02	·00	·10	1
2	·05	·28	·02	·01	·07	·03	·58	·31	·01	·22	·27	·10	2
3	·17	·15	·17	·00	·67	·00	·03	·02	·01	·02	·01	1·41	3
4	·37	·00	·12	·38	·08	·01	·01	·00	·00	·01	·00	·37	4
5	·05	·00	·63	·16	·06	·02	·43	·02	·00	·00	·50	·20	5
6	·01	·06	·06	·08	·19	·11	·01	·30	·00	·00	·09	·14	6
7	·15	·00	·28	·11	·23	·05	·00	·01	·00	·00	·09	·03	7
8	1·40	·01	·10	·00	·29	·19	·01	2·70	·37	·07	·27	·11	8
9	·48	·40	·00	·14	·01	·33	·00	·00	·14	·01	·29	·02	9
10	·01	·24	·01	·00	·06	·00	·00	·00	·20	·00	·14	·00	10
11	·00	·21	·61	·01	·05	·01	·98	·01	·16	·00	·56	·10	11
12	·00	·35	·19	·00	·05	·00	·07	·00	·40	·00	·40	·04	12
13	·00	·29	·55	·05	·01	·00	·01	·00	·36	·06	·41	·23	13
14	·00	·20	·20	·01	·00	·00	·00	·00	·07	·06	·00	·31	14
15	·00	·04	·43	·01	·00	·00	·01	·00	·31	·00	·58	·00	15
16	·00	·00	·07	·00	·00	·00	·85	·00	1·30	·00	·00	·01	16
17	·00	·75	·13	·00	·00	·00	·20	·00	1·60	·01	·00	1·80	17
18	·00	·30	·11	·00	·00	·00	·11	·00	·09	·02	·01	·06	18
19	·00	·02	·01	·00	·00	·00	·05	·00	·07	·01	·02	·18	19
20	·00	·44	·06	·00	·08	·26	·00	·00	·00	·00	·00	·22	20
21	·00	·18	·01	·00	·01	·05	·00	·03	·00	·04	·01	·00	21
22	·00	·69	·03	·04	·50	·21	·01	·27	·01	·10	·00	·00	22
23	·01	·19	·28	·06	·38	·04	·11	·08	·01	·01	·01	·00	23
24	·85	·00	·45	·12	·00	·03	·18	·06	·00	·01	·41	·00	24
25	·02	·01	·00	·00	·00	·00	·19	·64	·00	1·04	·41	·82	25
26	·01	·12	·01	·00	·00	·00	·02	·03	·00	·31	·35	·34	26
27	·08	·07	·00	·01	·00	·06	·00	·01	·06	·49	·49	·03	27
28	·05	·33	·49	·01	·04	·01	·04	·15	·03	·07	·61	·01	28
29	·40	—	·16	·00	·14	·01	·00	·29	·00	·00	·67	·10	29
30	·03	X	·69	·04	·00	·00	·00	·08	·01	·00	·23	·36	30
31	·42	X	·01	X	·01	X	·65	·00	X	·18	X	·02	31
Total	4·57	5·39	6·10	1·24	2·93	1·43	5·18	5·39	5·21	2·76	6·83	7·11	YEAR'S TOTAL 54·14
Rain Days.	19	23	28	16	19	17	22	18	19	20	23	25	249

W. 8,000. X. 14.

3182

FORM A.
BRITISH RAINFALL.
3 - FEB 1916

REGISTER OF RAINFALL IN 1915

Kept at Waterworks. Newton-in-Cartmel

in the County of Lancaster

by Thos. Huddleston

Lat. Long.

Time of Observation 9.0 a.m.

Nearest Railway Station Grange-over-Sands

~~Diameter of~~ Funnel of Rain Gauge 10 ins square

Height of top of Gauge above Ground 1 ft. 9 in.

" " " " Sea Level 586 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·34	·64	·13	·01	·14	·00	·01	·71	·02	·00	·00	·01	1
2	·01	·74	·62	·36	·00	·14	·69	1·07	·00	·00	·00	·00	2
3	·17	·09	·41	·61	·00	·04	·56	1·19	·00	·00	·00	·43	3
4	·01	·35	·13	·05	·15	·18	·01	·01	·01	·01	·00	·36	4
5	·46	·20	·40	·01	·03	·10	·00	·04	·01	·00	·00	1·59	5
6	·64	·19	·01	·32	·01	·18	1·12	·05	·10	·00	·02	·41	6
7	·39	·79	·01	·07	·22	·00	·77	·39	·00	·00	·00	·13	7
8	·20	·23	·00	·11	·00	·00	·01	·37	·00	·00	1·05	·00	8
9	·00	·12	·00	·01	·00	·00	·01	·04	·00	·00	·22	·63	9
10	·77	·00	·10	·18	·00	·00	·03	·11	·00	·02	·00	·59	10
11	·07	·00	·01	·01	·94	·00	·06	·07	·00	·05	·00	·06	11
12	·54	·01	·00	·04	·05	·00	·13	·02	·00	·21	·44	·12	12
13	·13	·00	·01	·00	·00	·00	·00	·02	·00	·12	·00	·15	13
14	·47	·00	·00	·07	·03	·00	·04	·45	·05	·01	·00	·16	14
15	·64	·00	·01	·03	·00	·00	·12	·28	·13	·00	·01	·77	15
16	·00	·57	·01	·09	·05	·00	·32	·30	·13	·00	·20	·00	16
17	·00	·42	·00	·00	·01	·00	·02	·00	·00	·00	·01	·00	17
18	·04	·33	·04	·01	·00	·00	·25	·01	·00	·00	·00	·00	18
19	·10	·21	·11	·22	·09	·00	·08	·00	·00	·00	·00	·00	19
20	·32	·01	·08	·00	·11	·00	·14	·01	·00	·00	·00	·26	20
21	·01	·03	·00	·16	·00	·00	·54	·00	·00	·01	·00	·09	21
22	·00	·09	·27	·00	·00	02	·06	·00	·00	·00	·01	·25	22
23	·00	·00	·22	·06	·00	·04	·00	·01	·13	·37	·01	1·32	23
24	·00	·02	·14	·02	·00	·00	·08	·00	·47	·04	·00	·77	24
25	·00	·00	·00	·00	·00	·00	·36	·01	·05	·00	·00	·22	25
26	·01	·83	·00	·00	·00	·04	·58	·00	·00	·00	·00	·59	26
27	·00	·03	·00	·00	·00	·09	·08	·00	·00	1·23	·01	·38	27
28	·00	·08	·00	·00	·00	·00	·08	·46	·00	·11	·02	·01	28
29	·00		·00	·00	·06	·17	·01	·00	·00	·01	·53	·03	29
30	·12	✕	·01	·29	·00	·17	·01	·00	·00	·01	·09	·05	30
31	·46	✕	·00	✕	·00	✕	·00	·60	✕	·00	✕	·57	31
Total	5·90	5·98	2·72	2·73	1·89	1·17	6·17	6·22	1·00	2·20	2·62	8·89	YEAR'S TOTAL 47·49
Rain Days.	21	21	19	21	13	11	27	22	10	13	13	25	216

W. 8,000. X. 15.

only summaries

3111

FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1916

Kept at Waterworks. Newton-in-Cartmel

in the County of Lancashire

by Thos Huddleston

Lat. .... Long. ....

Time of Observation 9.0 am.

Nearest Railway Station Grange-over-Sands

~~Diameter of~~ Funnel of Rain Gauge 10 ins sq.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 586 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.34	.07	.00	.01	.00	.44	.92	.06	.01	.00	.45	.00	1
2	.20	.16	.02	.00	.00	.21	.01	.00	.38	.22	.14	.05	2
3	.03	.04	.00	.05	.01	.17	.00	.00	1.23	.39	.28	.05	3
4	.15	.24	.00	.00	.63	.60	.00	.00	.00	.73	.32	.00	4
5	.33	.46	.00	.00	.27	.34	.00	.01	.00	.88	.66	.00	5
6	.43	.22	.00	.00	.85	.05	.27	.00	.01	.55	.37	.05	6
7	.04	.10	.00	.00	(.32)	.05	.40	.00	.00	.52	.26	.26	7
8	.01	.09	.01	.00	.00	.09	.07	.00	.00	.13	.20	.02	8
9	.04	.00	.00	.00	.36	.19	.10	.01	.00	.00	.16	.05	9
10	.13	.22	.00	.21	.01	.13	.12	.01	.00	.50	.20	.00	10
11	.12	.25	.00	.58	.02	.00	.23	.00	.13	.17	.04	.05	11
12	.19	.20	.03	.06	.58	.00	.60	.11	.03	.14	.03	.00	12
13	.00	.17	.10	.10	.00	.00	.01	.25	.00	.91	.01	.02	13
14	.07	.17	.01	.09	.53	.00	.00	.17	.06	.36	.00	.00	14
15	.07	.64	.15	.10	.00	.00	.02	1.38	.08	.11	.00	.00	15
16	.04	.11	.34	.58	.00	.00	.03	.03	.04	.01	.00	.00	16
17	.46	.28	.00	.59	.00	.00	.08	.00	.97	.21	.00	.02	17
18	.19	.58	.00	.04	.00	.00	.01	.29	.37	.23	.08	.10	18
19	.60	.00	.27	.11	.00	.00	.00	.05	.01	.00	.13	.01	19
20	.68	.00	.13	.26	.00	.00	.01	.01	.00	.00	.14	.24	20
21	.51	.00	.00	.14	.08	.00	.47	.01	.00	.00	.16	.01	21
22	.00	.00	.00	.05	.00	.25	.00	.00	.03	.14	.09	.00	22
23	.06	.00	.13	.10	.00	.25	.00	.00	.01	.38	.51	.19	23
24	.02	.00	.06	.17	.00	.50	.00	.34	.00	.06	.03	.02	24
25	.00	.00	.08	.00	.19	.12	.00	.24	.00	.23	.63	.08	25
26	.24	.00	.21	.00	.00	.01	.00	.00	.00	.01	.06	.00	26
27	.00	.00	.01	.01	.00	.48	.00	.00	.16	.20	.63	.02	27
28	.51	.02	.00	.00	.00	.01	.00	.00	.00	.30	.35	1.83	28
29	.16	.10	.01	.00	.00	.04	.00	.00	.00	.31	.85	.26	29
30	.15	X	.00	.00	.01	.22	.01	.00	.00	1.04	.37	.30	30
31	.01	X	.00	X	1.06	X	.01	.19	X	.21	X	.41	31
Total	5.78	4.12	1.56	3.25	4.82	4.15	3.37	3.16	3.52	8.94	6.55	4.04	YEAR'S TOTAL 53.26
Rain Days.	27	19	15	18	14	19	18	16	15	26	26	21	234

W. 8,000, VIII. 16

2963

FORM A.
BRITISH RAINFALL.

31 JAN 1918

REGISTER OF RAINFALL IN 1917

Kept at Newton Waterworks
in the County of Lancashire
by Thos. Huddleston

Lat. ______ Long. ______
Time of Observation 9.0 a.m.
Nearest Railway Station ______
Diameter of Funnel of Rain Gauge 10 ins square
Height of top of Gauge above Ground 1 ft. 9 in.
" " " " Sea Level 586 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following. 4.94

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·05	·00	·01	·11	·00	·04	·00	·00	·67	·01	·26	·11	1
2	·89	·00	·03	·00	·00	·01	·00	·00	·01	·00	·04	·00	2
3	·21	·00	·00	·02	·01	·65	·00	·00	·01	·51	·16	·00	3
4	·02	·10	·00	·02	·00	·00	·00	·00	·00	·17	·06	·15	4
5	·34	·00	·05	·06	·00	·00	·00	·00	·00	·06	1·25	·28	5
6	·16	·00	·00	·08	·00	·14	·00	·01	·02	·66	·69	·30	6
7	·64	·00	·00	·00	·00	·36	·00	·00	·00	·50	·10	·16	7
8	·17	·01	·00	·10	·00	·01	·00	·62	·03	·85	·35	·06	8
9	·01	·00	·01	·02	·00	·00	·00	·68	·10	·20	·47	·20	9
10	·33	·00	·71	·14	·50	·00	·00	·35	·00	·05	·00	·00	10
11	·13	·00	·00	·27	·12	·00	·00	·49	·01	·96	·08	·00	11
12	·00	·03	·09	·00	·70	·00	·00	·01	·00	·49	·00	·03	12
13	·00	·00	·00	·15	·00	·08	·00	·29	1·16	·02	·25	·33	13
14	·00	·00	·00	·09	·06	·00	·00	·37	·00	·02	·01	·13	14
15	·00	·00	·00	·04	·00	·00	·00	·02	·46	·16	·02	·43	15
16	·00	·07	·04	·40	·00	·00	·01	1·01	·26	·63	·00	·23	16
17	·00	·26	·17	·27	·10	·00	·03	1·51	·13	(·49)	·03	·00	17
18	·00	·07	·14	·05	·10	·00	1·61	·25	·47	·05	·04	·25	18
19	·00	·24	·20	·03	·78	·00	·02	·05	·02	·00	·04	·44	19
20	·00	·56	·03	·00	·14	1·32	·00	·96	·23	·02	·36	·22	20
21	·01	·09	·00	·00	·30	·03	·01	·08	·10	·13	·00	·00	21
22	·00	·00	·00	·00	·00	·00	·00	·22	·26	1·11	·05	·00	22
23	·00	·16	·00	·00	·50	·43	·00	·28	·10	·06	·02	·08	23
24	·00	·00	·00	·00	·00	·04	·10	·26	·03	1·16	·14	·06	24
25	·00	·11	·08	·00	·02	·01	·09	·40	·40	·17	·06	·00	25
26	·00	·00	·00	·00	·00	·00	·08	·70	·59	·15	1·33	·00	26
27	·00	·00	·05	·02	·24	·05	·34	·87	·00	·18	·15	·00	27
28	·00	·03	·37	·01	·00	·00	·01	·14	·00	·02	·00	·00	28
29	·00	X	·03	·00	·00	·00	·07	·02	·00	·55	·04	·00	29
30	·00	X	·22	·00	·00	·00	·00	·05	·00	·29	·12	·00	30
31	·00	X	·00	X	·49	X	·00	·35	X	·00	X	·00	31
Total	2·96	1·73	2·23	1·88	3·97	3·17	2·37	10·99	5·06	9·67	6·12	3·46	YEAR'S TOTAL 53·61
Rain Days.	12	12	16	18	14	13	11	25	20	28	25	17	211

W. 8,000, IX. 17.

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

19 JUN 20

Kept at Newton Reservoir
in the County of Lancashire
by Thos Huddleston

Lat. 54.15 N Long. 2.55 W
Time of Observation 9.0 am
Nearest Railway Station Grange over Sands
Diameter of Funnel of Rain Gauge 10 ins square
Height of top of Gauge above Ground 1 ft — in.
" " " " Sea Level 586 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ~~·32~~ ·64

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	1·26	—	·06	·11	·31	—	·01	·10	1·70	·55	—	·19	1
2	·14	—	·18	—	·15	—	·04	·03	·17	·05	·01	·30	2
3	·61	—	·23	·04	·44	·16	·10	[illegible]	—	—	—	·11	3
4	·15	·06	·02	—	·30	·01	·10	·61	·07	—	·07	·17	4
5	·02	·19	·35	·06	·33	—	—	—	·16	·05	—	·45	5
6	·04	—	·48	—	·17	—	—	—	·06	·05	—	·22	6
7	·03	—	·36	·24	—	·09	—	—	—	—	·05	—	7
8	·24	—	·22	·07	·06	·01	—	·05	—	—	·01	—	8
9	·53	—	·12	·05	—	·02	—	—	·01	—	—	—	9
10	·17	—	1·37	·26	·58	·07	—	—	—	·06	—	·30	10
11	·05	—	·31	—	·02	—	·14	—	·39	·12	—	·11	11
12	—	—	·01	·36	·05	·08	·02	—	·08	·05	—	·01	12
13	·78	—	—	·21	[illegible]	·04	·09	·04	—	·26	·16	·28	13
14	·40	·07	—	·53	—	—	—	·08	—	—	·01	·21	14
15	·80	·34	—	·12	—	—	—	—	—	—	·02	1·22	15
16	·18	—	—	·04	·03	·06	—	—	·01	—	·10	·10	16
17	·05	—	—	·04	—	—	—	·74	·03	—	1·18	·16	17
18	·01	—	·13	·01	—	—	·35	·14	·19	—	·08	·31	18
19	·10	·82	·63	—	—	1·03	—	·18	·04	—	·40	·07	19
20	·72	·49	·84	—	—	·18	—	·01	·07	·01	·14	·39	20
21	·10	·47	·07	—	—	·03	—	·02	·32	—	·10	·35	21
22	·01	·22	·03	—	—	·39	·01	·22	·16	·01	·22	·46	22
23	·01	—	—	·02	—	·11	—	—	—	1·03	·07	·08	23
24	·20	—	—	·07	·12	·05	—	—	·42	·07	·21	·16	24
25	·48	·02	—	·51	·02	·05	—	1·28	·22	—	·15	·15	25
26	·02	—	·63	·09	—	·05	—	·23	·30	·01	—	·95	26
27	·21	—	·02	·06	—	—	—	·01	—	—	—	·02	27
28	[illegible]	—	—	·06	—	·01	—	1·01	·20	—	—	·80	28
29	·01	—	—	—	—	·02	—	·13	·44	—	—	·11	29
30	—		·08	·08	—	·11	—	·15	—	·02	·33	1·05	30
31	—		·01		—		·42	—		·01		·01	31
TOTAL	7.32	2.68	6.15	3.03	2.58	2.47	1.28	5.03	5.04	2.35	3.31	8.74	YEAR'S TOTAL 49.98
Days with ·01 in. or more	27	9	21	21	13	20	10	18	20	15	18	28	220

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

entd

Padiha … cil
Coc

Entd

2985

NEW CHURCH

COCK DOLE

1919 - 20

JAN 192

	Ju					
1						
2						
3		0·40				
4						
5				0·47		
6	1·48					
7			1·05			1·32
8						
9					0·35	
10		0·29				
11						
12				0·09		
13	0·29					
14			0·01			0·20
15						
16		0·26			0·89.	
17						
18						
19				0·47		
20	0·28					
21			0·54			2·26
22						
23					1·78	
24		1·13				
25						
26				1·51		
27	0·25					
28			1·53.			2·58
29						
30					0·74.	
31	0·65.	2·48		0·69.		0·52
	2·95	4·56	3·13	3·23	3·76	6·88

Total for 6 months
July 1st to Dec 31st 1919.
24·51 Inches

Padiham cil
Cock Dole Rain Gauge
Posted July 1st/19.

Entd
JAN 192

	July	August	Sept.	October	Nov.	December
1						
2						
3		0·40				
4						
5				0·47		
6	1·48					
7			1·05			1·32
8						
9					0·35	
10		0·29				
11						
12				0·09		
13	0·29					
14			0·01			0·20
15						
16		0·26			0·89.	
17						
18						
19				0·47		
20	0·28					
21			0·54			2·26
22						
23					1·78	
24		1·13				
25						
26				1·51		
27	0·25					
28			1·53.			2·58
29						
30					0·74.	
31	0·65.	2·48		0·69.		0·52
	2·95	4·56	3·13	3·23	3·76	6·88

Total for 6 months
July 1st to Dec 31st 1919.
24·51 Inches

W

June 6 corrected [illegible] Radcliffe

21 JAN 1921

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Cock Dole, Sabden

in the County of Lancaster

by Padiham Urban District Council

Lat. 53° 50′ 30″ Long. 2° 18′ 50″

Time of Observation 10.30 AM

Nearest Railway Station Padiham

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground — ft. 8 in.

" " " " Sea Level 1090 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2					0.36								2
3										0.50			3
4	0.03			0.52			0.87						4
5						(·04)			1.44			0.79	5
6						~~0.35~~							6
7			1.01			Rain gauge had been interfered with by Trespassers.					0.23		7
8		0.34						1.84					8
9		~~0.34~~			1.59								9
10										0.71			10
11	2.10			1.28			1.34						11
12	~~2.10~~								0.13			0.26	12
13						0.73							13
14			0.41								1.57		14
15		3.46											15
16		~~3.46~~			0.59			0.18					16
17										0.28			17
18	1.21			0.89			1.61						18
19	~~1.21~~								0.87			0.12	19
20						0.47							20
21			0.75								0.46		21
22		0.62											22
23		~~0.62~~			1.33			0.81					23
24													24
25	0.49			1.18			3.09			0.00			25
26	~~0.49~~								0.13			0.95	26
27						084							27
28													28
29		0.51	1.90								0.22		29
30		✕		1.24		0.39		0.08	0.23		0.24		30
31	1.16	✕	0.33	✕	2.51	✕	0.96	0.25	✕	0.21	✕	0.97	31
TOTAL	4.99	4.93	4.40	5.11	~~5~~6.38	~~2.46~~ 2.47	7.87	3.16	2.80	1.70	2.75	3.09	YEAR'S TOTAL ~~49.04~~ ~~48.74~~ ~~49.65~~ 49.65
Days with ·01 in. or more													
Days with ·04 in. or more													

3042

LANCASHIRE

NEW HEY S. W.

1915 — 1920

REGIS

Kept at Sewage wor

in the County of La

by Jas B Ogden

5° 5' W

AM

New Hey

Gauge 5" in.

Ground 1 ft. 0 in.

Sea Level 574·4 ft.

FORM A.
BRITISH RAINFALL.
4 JAN 1916

IMPORTANT NOTE … the result entered to the previous day. If an Obs … ersal rule, he is earnestly requested to add the readi … r in the space provided for it at the end of this … ent of rain, the selection and placing … tish Rainfall Organization are given in … pplication to Dr. H. R. Mill, 62, Camd

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·10	·50	—	—	·38	—	·12	·19	·07	—	—	·08	1
2	—	·35	·45	—	—	·05	·49	·23	—	·09	—	·01	2
3	·62	·06	·09	·66	—	—	·48	·03	—	—	—	·54	3
4	—	—	—	—	·13	—	·36	—	—	—	—	·74	4
5	·18	—	·32	—	·30	—	—	·01	—	—	—	·77	5
6	·41	—	—	·42	—	—	·57	·13	—	—	·02	·57	6
7	·72	·58	—	—	·58	—	·20	·23	—	—	—	·23	7
8	·21	·14	—	·13	—	—	—	·16	—	—	·38	—	8
9	—	·04	—	—	—	—	—	·01	—	·05	·25	·49	9
10	1·07	—	—	—	—	—	—	·68	—	·03	·08	·26	10
11	·25	—	·17	—	·65	—	·29	·11	—	—	·53	·51	11
12	·40	—	—	·11	—	—	·02	·07	—	·52	1·42	—	12
13	·23	—	—	—	—	—	·02	·07	—	·02	—	·11	13
14	·22	·73	—	—	—	—	·06	·39	·06	·02	—	·25	14
15	1·08	—	—	—	—	—	—	·03	·02	—	·38	·16	15
16	—	·46	—	·52	·29	—	·91	·58	—	—	—	·04	16
17	—	·33	—	—	—	—	·06	—	—	—	—	·01	17
18	—	·37	·20	—	—	—	—	—	—	—	—	—	18
19	} ·62	·16	·13	·09	·12	—	·34	—	—	—	—	—	19
20		—	—	—	—	—	·13	·01	—	—	—	·29	20
21	·05	·15	—	·04	—	—	·22	—	—	—	—	·15	21
22	—	—	—	—	—	—	·20	—	—	—	—	·24	22
23	—	·02	·23	—	—	—	·19	—	·03	·20	—	·12	23
24	—	—	·09	·03	—	·02	—	—	·43	·01	—	·39	24
25	—	—	—	—	—	·48	—	—	·13	·03	—	·27	25
26	—	·57	—	—	—	·20	·32	—	—	—	—	·35	26
27	—	—	—	—	—	·02	·19	—	—	·60	—	·37	27
28	—	·51	—	—	—	·16	·01	·30	—	·20	—	·01	28
29	—	—	—	—	·04	·04	—	·02	—	—	·11	·06	29
30	—	✕	—	·08	—	·12	—	·05	—	—	—	—	30
31	·45	✕	—	✕	—	✕	—	·98	✕	·32	✕	·36	31
Total	6·61	4·91	1·68	2·08	2·49	1·09	5·18	4·28	·74	2·09	3·17	7·38	YEAR'S TOTAL 41·70
Rain Days.	16	15	8	9	8	8	20	20	6	12	8	26	156

W. 8,000, X. 15.

3042

REGISTER OF RAINFALL IN 1915

FORM A.
BRITISH RAINFALL.
4 JAN 1916

Kept at Sewage works New Hey

in the County of Lanc. 5

by Jas B Ogden

Lat. 53° 36' N Long. 2° 5' W

Time of Observation 9 AM

Nearest Railway Station New Hey

Diameter of Funnel of Rain Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 574·4 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·10	·50	—	—	·38	—	·12	·19	·07	—	–	·08	1
2	—	·35	·45	—	–	·05	·49	·23	–	·09	–	·01	2
3	·62	·06	·09	·66	—	–	·48	·03	–	–	–	·54	3
4	—	–	–	—	·13	–	·36	—	—	–	–	·74	4
5	·18	–	·32	—	·30	–	—	·07	–	–	–	·77	5
6	·41	–	—	·42	–	–	·57	·13	–	–	·02	·57	6
7	·72	·58	–	—	·58	–	·20	·23	–	–	–	·23	7
8	·21	·14	–	·13	–	–	–	·16	–	–	·38	—	8
9	—	·04	—	—	–	–	–	·01	—	·05	·25	·49	9
10	1·07	—	–	—	–	–	—	·68	–	·03	·08	·26	10
11	·25	–	·17	—	·65	–	·29	·11	–	—	·53	·51	11
12	·40	–	—	·11	–	–	·02	·07	–	·52	1·42	–	12
13	·23	–	—	—	–	–	·02	·07	–	·02	–	·11	13
14	·22	·73	—	—	–	–	·06	·39	·06	·02	–	·25	14
15	1·08	—	—	—	—	–	—	·03	·02	–	·38	·16	15
16	–	·46	—	·52	·29	–	·91	·58	–	–	–	·04	16
17	–	·33	—	–	–	–	·06	–	–	–	–	·01	17
18	—	·37	·20	—	–	–	–	—	–	–	–	–	18
19	·62	·16	·13	·09	·12	–	·34	–	–	–	–	–	19
20		–	—	—	–	–	·13	·01	–	–	–	·29	20
21	·05	·15	—	·04	–	–	·22	–	–	–	–	·15	21
22	–	—	—	–	–	–	·20	–	–	–	–	·24	22
23	–	·02	·23	—	–	—	·19	–	·03	·20	–	·12	23
24	–	—	·09	·03	–	·02	–	–	·43	·01	–	·39	24
25	–	–	–	–	–	·48	–	–	·13	·03	–	·27	25
26	–	·57	–	–	–	·20	·32	–	—	—	–	·35	26
27	–	–	–	–	–	·02	·19	–	–	·60	–	·37	27
28	–	·51	–	–	–	·16	·01	·30	–	·20	–	·01	28
29	–	—	–	–	·04	·04	–	·02	–	–	·11	·06	29
30	–	X	–	·08	–	·12	–	·05	–	–	–	—	30
31	·45	X	–	X	–	X	–	·98	X	·32	X	·36	31
Total	6·61	4·91	1·68	2·08	2·49	1·09	5·18	4·28	·74	2·09	3·17	7·38	YEAR'S TOTAL 41·70
Rain Days.	16	15	8	9	8	8	20	20	6	12	8	26	156

W. 8,000, X. 15.

2955

FORM A.
BRITISH RAINFALL.

8 JAN 1917

edges

REGISTER OF RAINFALL IN 1916

Kept at Sewage Works Newhey
Nr Rochdale
in the County of Lanc.
by Jas. B. Ogden.

Lat. 53° 36′N Long. 2° 5′W
Time of Observation 9 AM
Nearest Railway Station Newhey
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 514·4 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·29	·11	·13	—	—	·46	·75	·08	—	—	·21	—	1
2	·33	·22	·13	—	—	·03	·01	—	·26	·20	·03	—	2
3	—	·17	·01	·01	—	·03	—	—	·52	·26	·12	—	3
4	·15	·28	—	—	·36	·90	—	—	·04	·25	·21	—	4
5	·28	·49	—	—	—	·20	—	—	—	1·20	·25	—	5
6	·95	·38	·04	—	·39	·08	·21	—	—	·27	·39	·06	6
7	·02	·11	·04	—	·31	·03	·01	—	—	·41	·04	·43	7
8	·02	·11	·20	—	—	·08	—	—	—	·15	·51	·05	8
9	·16	—	·05	—	·20	·19	·01	—	—	—	·29	·09	9
10	·04	·20	·02	·15	—	·07	·05	—	·02	·14	·01	·03	10
11	·07	·31	·21	·68	·04	·03	·05	—	·21	—	·01	·10	11
12	·21	·18	·40	·17	·33	—	·84	·04	·02	·14	—	·01	12
13	—	·26	·05	·19	·01	—	—	·47	—	1·64	—	·18	13
14	·05	·18	—	·23	·48	—	—	·19	·04	·33	—	—	14
15	—	·45	·53	—	—	—	·05	·30	·19	·02	—	—	15
16	·03	·43	·57	·45	·01	—	·34	1·07	·04	·05	—	—	16
17	·20	·21	—	·62	—	—	·08	·11	·91	·13	—	·01	17
18	—	·50	—	·13	—	—	—	·13	·26	·13	·56	·15	18
19	·32	—	·19	·18	—	—	—	·15	·05	—	·22	—	19
20	·38	—	·15	·29	·15	—	·01	·01	—	—	·04	·03	20
21	·16	—	·01	—	·39	—	—	—	—	—	—	—	21
22	—	·01	—	—	—	·10	—	—	—	·18	—	·08	22
23	·02	·01	·08	·12	—	—	—	·06	—	·01	·30	·22	23
24	—	·18	—	·03	—	·10	—	·11	—	—	—	·06	24
25	·23	·11	·24	—	—	·02	—	·13	—	·05	·42	·06	25
26	·11	·10	·20	—	·07	—	—	·02	—	—	·01	—	26
27	—	·25	·01	—	—	—	—	·17	—	·36	—	—	27
28	—	·29	·01	—	·08	·04	—	—	—	·55	·05	·44	28
29	—	·15	—	—	—	·12	—	—	—	·33	—	·48	29
30	—	╳	—	—	—	·06	—	—	—	·72	·03	·10	30
31	—	╳	—	╳	·08	╳	—	·07	╳	·36	╳	·23	31
Total	4·02	5·69	3·27	3·25	2·90	2·54	2·41	3·11	2·56	7·88	3·70	3·11	YEAR'S TOTAL 44·44
Rain Days.	20	25	21	13	14	17	12	16	12	23	19	19	211

W. 8,000, VIII. 16

Chd CJE

2809

FORM A. BRITISH RAINFALL 1918

REGISTER OF RAINFALL IN 1917

Kept at Sewage Works New Hey

in the County of Lancs

by Jas. B. Ogden

Lat. 53° 36′N Long. 2° 5′W
Time of Observation 9 A.M.
Nearest Railway Station New-Hey
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 514·4 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·10	—	—	—	—	·43	—	·18	·32	—	·21	·18	1
2	·61	—	—	—	—	·07	—	·01	—	—	—	—	2
3	·17	·19	—	—	—	·25	—	—	—	·84	·05	·04	3
4	·09	·01	—	—	—	—	—	—	—	·44	—	—	4
5	·38	—	—	·17	—	—	—	·03	·01	·16	·30	·02	5
6	·07	—	—	—	—	·29	—	—	—	·47	·32	·23	6
7	·64	—	—	—	—	·02	—	—	—	1·02	·04	·08	7
8	·43	—	—	·23	—	—	—	·45	·01	1·08	·35	·17	8
9	—	—	—	·06	—	—	—	·27	—	·18	·57	—	9
10	·44	—	·74	·07	·21	—	—	·04	—	·01	—	—	10
11	·13	—	—	·11	—	—	—	·05	—	·51	·02	—	11
12	·04	—	·01	·03	·54	—	—	·21	—	·43	—	·06	12
13	·04	—	—	·29	·11	—	—	·06	·66	·02	·02	·54	13
14	·08	—	—	·17	·01	—	—	·60	—	·07	—	·39	14
15	·01	—	—	·12	—	—	·59	·06	·20	·10	—	·46	15
16	—	·06	—	·25	—	—	—	·37	·03	—	·02	·39	16
17	—	·06	·36	·31	·15	—	·36	2·04	·04	·14	—	—	17
18	·02	—	·17	·02	·07	—	·81	·38	·29	·07	—	—	18
19	·04	·17	·19	—	·73	·09	—	—	—	—	·05	—	19
20	—	·17		—	·04	·29	—	·06	·07	—	·41	—	20
21	—	—	·05	—	·01	·03	—	·13	—	·07	·01	—	21
22	—	—	·01	—	—	—	—	·36	·29	·36	·09	—	22
23	—	·12	—	—	·21	·19	·02	·18	·04	·12	·01	·06	23
24	—	—	—	—	—	·06		·30	—	·76	·33	·04	24
25	—	·07	·09	—	—	—	—	·19	·02	·19	·04	—	25
26	—	—	—	—	—	—	—	·75	·36	·20	1·22	—	26
27	—	—	·02	—	·22	·16	·21	·45	—	·14	·27	·03	27
28	—	·05	·46	—	—	—	—	·28	—	·04	·04	·18	28
29	—	X	·12	—	·23	—	·08	·08	—	·40	·12	·17	29
30	·01	X	·28	—	—	—	—	·06	—	·12	·06	—	30
31	—	X	·22	X	·01	X		·33	X	—	X	·05	31
Total	3·30	·90	2·72	1·83	2·54	1·88	2·07	7·92	2·34	7·94	4·55	3·09	YEAR'S TOTAL 41·08
Rain Days.	17	9	13	12	13	11	6	26	13	25	22	14	184

W. 8,000, IX. 17.

Exd

47

REGISTER OF RAINFALL IN 1918

Kept at Sewage works Newhey
in the County of S Lanc.
by Jas B Ogden

Lat. 53° 36'N Long. 2° 5'W
Time of Observation 9 AM
Nearest Railway Station Newhey
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 574·4 ft.

FORM A.
BRITISH RAINFALL.
3.1.19

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	·40	—	·07	·06	—	—	—	·65	·13	·11	·40	1
2	·03	·22	—	·10	—	—	—	—	·23	·05	—	·89	2
3	—	·04	·01	—	·60	—	—	·06	·04	·36	—	·03	3
4	·02	—	·02	—	—	—	—	·21	·03	·29	·38	·42	4
5	—	—	·02	·24	·09	—	—	·78	·13	·50	·15	—	5
6	·05	1·84	—	·35	—	·25	—	·30	·01	·24	—	·03	6
7	—	·15	—	·35	—	—	—	·01	·33	·38	·19	—	7
8	·09	·38	—	—	—	—	·27	·07	·90	·24	·07	·06	8
9	·18	·59	—	—	—	·33	·02	—	·98	·71	·04	·07	9
10	·05	·41	—	—	—	—	·07	—	·97	·12	·33	·01	10
11	·40	·19	·15	—	·06	—	—	—	·47	—	—	·23	11
12	·05	·39	—	·15	·02	—	·39	·01	·24	—	—	·57	12
13	—	—	—	·03	·36	—	—	—	·57	·34	—	—	13
14	·73	—	—	—	—	·18	·16	—	·51	·13	—	·37	14
15	·08	—	—	—	·01	·02	·73	—	1·57	—	—	·75	15
16	·03	—	—	—	—	·01	·10	—	·32	—	—	·45	16
17	·26	—	—	—	·04	·03	·04	·24	·45	·09	—	·39	17
18	·43	—	·13	—	—	·05	·23	·01	·34	—	—	1·03	18
19	·19	·09	·16	·07	—	—	·30	·19	·49	·04	—	·49	19
20	·18	·57	—	·09	—	·19	1·08	—	·97	—	—	·01	20
21	·21	·71	—	·02	·04	·26	·01	—	·53	·04	—	—	21
22	·11	·02	—	—	·41	·04	·42	—	·05	—	—	·83	22
23	·08	—	—	—	·14	—	·29	—	·13	—	·05	·03	23
24	—	·09	—	—	—	—	—	·13	·24	·01	·04	·15	24
25	—	—	—	—	—	·02	·12	·28	·34	—	—	—	25
26	—	·19	—	—	—	—	·07	·03	·54	·07	·26	·24	26
27	—	·20	·35	—	—	·02	—	·56	·56	·01	·26	·87	27
28	—	·04	·55	—	—	—	—	·08	·10	—	·14	·63	28
29	—	—	—	—	—	—	—	—	·10	—	—	·20	29
30	—	X	·33	—	—	—	—	·16	—	—	·31	·36	30
31	—	X	·30	X	—	X	—	·16	X	—	X	—	31
Total	3·17	6·52	2·02	1·47	1·83	1·40	4·30	3·28	12·79	3·75	2·33	9·51	YEAR'S TOTAL 52·37
Rain Days.	18	18	10	10	11	12	16	14	29	18	13	25	197

W. 8,000, IX. 17.

E 24 RR

2654

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Sewage Works Newhey
in the County of Lanc
by Jas Blogden

Lat 53° 36′ N Long 2° 5′ W
Time of Observation 9 AM
Nearest Railway Station Newhey
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft 0 in.
„ „ „ „ Sea Level 514·4 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·65	–	·04	·02	·68	–	·32	·12	·34	·47	·06	·15	1
2	·25	–	·46	–	·05	–	·13	·07	·04	–	·01	·31	2
3	·59	–	–	–	·06	·14	·12	–	·03	–	·23	·15	3
4	·23	·01	·30	–	–	·07	·17	·28	·10	–	–	·21	4
5	·03	–	–	·01	·01	–	–	–	–	–	·03	·49	5
6	·02	–	·63	–	·70	–	–	–	–	–	–	·11	6
7	·05	–	·32	–	–	–	–	–	·02	–	·17	–	7
8	·13	–	·06	·02	–	·12	–	–	–	–	–	–	8
9	·35	–	·17	·02	–	–	–	–	–	–	·04	–	9
10	–	–	1·15	·22	–	–	–	–	–	–	–	·53	10
11	·02	–	·94	·17	·07	–	·15	–	–	·06	–	–	11
12	–	–	·57	–	·01	·24	·20	–	–	·08	·05	–	12
13	·49	–	–	·40	–	·01	·01	·04	–	·22	–	·09	13
14	·41	–	–	·33	–	–	–	–	–	–	·02	·02	14
15	·33	·03	·02	–	–	–	–	–	–	–	–	·42	15
16	·11	·46	–	–	–	–	–	–	–	–	·22	·03	16
17	·12	·16	–	·11	·07	·33	–	·52	–	–	1·20	·04	17
18	–	–	·34	–	–	–	·03	·54	·18	–	·02	·55	18
19	·07	·16	·59	–	–	·22	·59	·10	–	–	·17	·04	19
20	·46	·09	·13	–	–	·33	·12	·03	–	–	·10	1·10	20
21	·03	·44	–	–	–	·01	·20	–	·57	–	·06	·18	21
22	–	·11	–	–	–	·09	–	·07	–	–	·16	·95	22
23	–	–	–	–	–	·19	–	–	–	·70	·10	·26	23
24	–	–	–	·15	·13	·04	–	·02	·46	·28	·35	·37	24
25	·25	·02	–	·22	·09	·19	–	·68	–	–	·42	–	25
26	·10	–	·66	·10	–	·07	–	·80	·20	–	·06	·78	26
27	·15	–	·01	·17	–	–	–	–	–	–	–	·11	27
28	–	–	–	·02	–	·02	–	·40	–	·01	–	·54	28
29	·10	–	–	–	–	–	–	·01	–	·59	–	·09	29
30	·01		·12	·15	–	·07	–	–	–	·17	·24	·30	30
31	–		·04		–		·44	–		·01		·03	31
TOTAL	4·95	1·48	6·55	2·11	1·87	2·08	2·48	3·68	1·94	2·59	3·71	7·85	YEAR'S TOTAL 41·29
Days with ·01 in. or more	23	9	18	15	10	16	12	14	9	10	20	25	181

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

2541

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

6 JAN 1921

Kept at Sewage Works Newhey
in the County of Lanc
by Jas B Ogden

Lat. 53° 36′ N Long 2° 5′ W
Time of Observation 9 AM
Nearest Railway Station Newhey
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 514·4 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—	·07	·13	·48	—	·71	·14	·09	·03	·04	·18	1
2	·01	—	—	·17	·04	—	1·11	·08	·31	·05	—	·27	2
3	·01	·07	·03	·02	·07	·01	·57	·17	·27	·15	—	·29	3
4	—	—	—	·16	—	—	·15	1·43	·05	·52	—	·05	4
5	—	—	·10	—	·80	—	·20	·29	·20	·44	—	·04	5
6	—	—	—	·33	·23	—	·01	—	—	—	—	·09	6
7	·28	—	·72	·06	—	—	·17	—	—	—	·02	—	7
8	·23	·09	—	·27	·13	—	·09	·14	—	—	—	—	8
9	·38	1·13	—	·41	—	—	1·04	·03	·01	—	·04	—	9
10	·81	·81	·12	·04	—	—	·61	—	—	—	—	—	10
11	·19	·04	·01	·01	·34	·14	·01	—	—	—	—	·07	11
12	·26	·29	·15	·28	·06	·03	·08	·03	—	—	·19	·20	12
13	·18	·06	·33	·33	·01	·42	·03	—	—	—	·25	—	13
14	·05	·14	·18	·22	—	·59	·02	—	·82	·05	·74	—	14
15	—	·16	·02	·62	—	—	·07	—	·03	·04	·07	—	15
16	—	—	·22	·15	·03	·03	·75	—	·12	—	·18	—	16
17	·13	—	·04	—	·22	—	—	·30	·39	·02	—	—	17
18	·13	—	—	·13	·56	—	·34	—	·65	—	—	—	18
19	·07	1·71	—	·06	·60	·13	·01	·13	—	—	—	—	19
20	·20	—	—	·12	—	·20	·26	—	—	—	—	·09	20
21	·02	—	—	—	—	—	·61	·01	—	—	—	·27	21
22	·11	—	—	·61	—	·02	·40	—	—	—	—	·18	22
23	—	·01	·01	·08	—	—	·90	·01	—	—	—	·47	23
24	—	—	·54	·11	—	—	·01	—	—	—	—	·32	24
25	·03	·06	·04	·09	—	·01	·86	·01	—	—	—	—	25
26	·14	·21	·41	·47	·16	—	·02	—	—	—	·02	·04	26
27	·14	—	·02	·05	·86	·84	·03	—	—	—	·01	·04	27
28	·74	·03	·27	·32	·17	·13	·06	—	—	—	·20	·26	28
29	·08	—	·30	·27	·89	·04	·48	—	—	—	·29	·64	29
30	·52		—	·07	·28	·10	—	—	·26	—	·13	·60	30
31	·29		·03		·19		—	—		·09		·12	31
													YEAR'S TOTAL
TOTAL	5·00	4·81	3·61	5·58	6·12	2·69	9·60	2·77	3·20	1·39	2·18	4·22	51·17
Days with ·01 in. or more	23	14	20	27	19	14	28	13	12	9	13	19	211
Days with ·04 in. or more	19	12	14	25	17	9	20	8	10	7	10	19	170

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

FORM A.
BRITISH RAINFALL.

9 - JAN 1915

REGI 14

Kept at Norden Far Kn ng.

in the County of Lanc 9 am.

by N & M. Wa on Wardleworth

ge 5 in.

e above Ground ft. 9½ in.

„ Sea Level ft.

LANCASHIRE

NORDEN - FAR KNOWL FARM

1914, 15, 1917 - 1920.

IMPORTANT NOT and the result entered to the previous day. If an Ol universal rule, he is earnestly requested to add the reac g year in the space provided for it at the end of this paragraph. Full instructions for surement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1					0·00								1
2										0·19			2
3	0·01			0·00			1·09						3
4									0·00			1·25	4
5						0·28							5
6		0·06	1·79								0·77		6
7								1·65					7
8					2·16								8
9	2·88									0·12			9
10				1·65			0·21						10
11									0·78			0·55	11
12						0·79							12
13		1·10	1·21								3·37		13
14								1·14					14
15					0·56								15
16	0·08									0·00			16
17				0·02			2·02		3·73				17
18												1·97	18
19						0·42							19
20		1·31	1·10								0·54		20
21								0·03					21
22					0·05								22
23	0·04									0·11			23
24				0·47			0·73						24
25									0·23			1·16	25
26						1·01							26
27		0·40	1·46								1·53		27
28		0·20						1·37					28
29		0			0·52								29
30	0·76			0·00		0·04			0·10	2·63	0·46		30
31	0·68		1·13		0·00		1·93	0·20		0·06		1·73	31
Total	4·45	3·07	6·69	2·14	3·29	2·54	5·98	4·39	4·84	3·11	6·67	6·66	YEAR'S TOTAL 53·83
Rain Days.		Taken Weekly and Monthly.											

W. 8,000. X. 14.

FORM A.
BRITISH RAINFALL.

9 - JAN 1915

REGISTER OF RAINFALL IN 1914

Kept at NORDEN Far Knowl,
in the County of Lancaster, 5 3
by N & M Water Board

Lat. —— Long. ——
Time of Observation 9 am.
Nearest Railway Station Wardleworth
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground —— ft. 9½ in.
" " " " Sea Level —— ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1					0·00								1
2										0·19			2
3	0·01			0·00			1·09						3
4									0·00			1·25	4
5						0·28							5
6		0·06	1·79								0·77		6
7								1·65					7
8					2·16								8
9	2·88									0·12			9
10				1·65			0·21						10
11									0·78			0·55	11
12						0·79							12
13		1·10	1·21								3·37		13
14								1·14					14
15					0·56								15
16	0·08									0·00			16
17				0·02			2·02		3·73				17
18												1·97	18
19						0·42							19
20		1·31	1·10								0·54		20
21								0·03					21
22					0·05								22
23	0·04									0·11			23
24				0·47			0·73						24
25									0·23			1·16	25
26						1·01							26
27		0·40	1·46								1·53		27
28		0·20						1·37					28
29		~~0~~			0·52								29
30	0·76	✕		0·00		0·04			0·10	2·63	0·46		30
31	0·68	✕	1·13	✕	0·00	✕	1·93	0·20	✕	0·06	✕	1·73	31
Total	4·45	3·07	6·69	2·14	3·29	2·54	5·98	4·39	4·84	3·11	6·67	6·66	YEAR'S TOTAL 53·83
Rain Days.		Taken Weekly and Monthly.											——

W. 8,000. X. 14.

end 10.IV.16

3059

FORM A.
BRITISH RAINFALL.
10. JAN 1916

REGISTER OF RAINFALL IN 19/5

Kept at Naden

in the County of Lancaster S

by The Heywood & Middleton Wtr Bd

Lat. Long.

Time of Observation 9 a.m.

Nearest Railway Station Wardleworth

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 7½ in.

" " " " Sea Level 960.74 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. 0.21

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0.06	0.68	0.03	0.00	0.42	0.00	0.18	0.16	0.13	0.00	0.00	0.09	1
2	0.01	0.37	0.45	0.35	0.00	0.05	0.51	0.36	0.00	0.09	0.00	0.00	2
3	0.85	0.02	0.17	0.56	0.00	0.00	0.38	0.33	0.00	0.00	0.00	0.52	3
4	0.10	0.43	0.02	0.00	0.06	0.04	0.43	0.00	0.01	0.00	0.00	0.67	4
5	0.21	0.17	0.23	0.00	0.00	0.04	0.00	0.06	0.00	0.00	0.00	0.93	5
6	0.37	0.02	0.04	0.41	0.00	0.00	0.53	0.12	0.00	0.00	0.00	0.47	6
7	0.81	0.77	0.00	0.13	0.04	0.00	0.24	0.58	0.00	0.00	0.00	0.24	7
8	0.33	0.09	0.00	0.06	0.00	0.00	0.00	0.15	0.00	0.00	0.66	0.00	8
9	0.00	0.03	0.00	0.03	0.00	0.00	0.01	0.04	0.00	0.05	0.21	0.54	9
10	1.10	0.00	0.10	0.01	0.00	0.00	0.02	0.88	0.00	0.02	0.16	0.26	10
11	0.16	0.00	0.01	0.00	0.65	0.00	0.09	0.40	0.00	0.00	0.12	0.34	11
12	0.56	0.00	0.00	0.10	0.09	0.00	0.01	0.30	0.00	0.42	0.71	0.00	12
13	0.39	0.43	0.00	0.00	0.00	0.00	0.05	0.00	0.15	0.01	0.00	0.06	13
14	0.22	0.00	0.00	0.13	0.00	0.00	0.06	0.72	0.05	0.01	0.00	0.41	14
15	1.26	0.00	0.00	0.00	0.00	0.00	0.03	0.10	0.00	0.00	0.34	(0.39)	15
16	0.00	0.56	0.00	0.02	0.29	0.00	1.08	0.70	0.00	0.00	0.00	0.01	16
17	0.00	0.43	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	17
18	0.02	0.61	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	18
19	0.04	0.14	0.09	0.16	0.24	0.00	0.67	0.00	0.00	0.00	0.00	0.00	19
20	0.60	0.04	0.03	0.00	0.14	0.00	0.07	0.03	0.00	0.00	0.00	0.48	20
21	0.17	0.00	0.00	0.06	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.14	21
22	0.00	0.03	0.06	0.00	0.00	0.03	0.08	0.00	0.00	0.00	0.00	0.30	22
23	0.00	0.00	0.22	0.00	0.00	0.01	0.59	0.00	0.03	0.36	0.00	0.21	23
24	0.00	0.00	0.07	0.03	0.00	0.06	0.00	0.00	0.25	0.02	0.00	0.67	24
25	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.12	0.01	0.00	0.25	25
26	0.01	0.50	0.00	0.00	0.00	0.13	0.38	0.00	0.01	0.00	0.00	0.67	26
27	0.00	0.26	0.00	0.00	0.00	0.02	0.17	0.00	0.00	0.56	0.00	0.49	27
28	0.00	0.32	0.00	0.00	0.04	0.08	0.01	0.42	0.00	0.20	0.00	0.00	28
29	0.00	✕	0.00	0.00	0.05	0.25	0.00	0.06	0.00	0.00	0.28	0.07	29
30	0.30	✕	0.00	0.13	0.00	0.02	0.00	0.07	0.00	0.00	0.00	0.00	30
31	0.22	✕	0.00	✕	0.00	✕	0.00	0.69	✕	0.12	✕	0.28	31
Total	7.79	5.90	1.70	2.18	2.02	1.18	5.95	6.17	0.75	1.88	2.48	8.55	YEAR'S TOTAL 46.55
Rain Days.	21	19	15	14	10	12	23	19	8	13	7	23	184

W. 8,000. X. 15.

2971

FORM B.
BRITISH RAINFALL

11 JUN 1917

To be filled and returned
to DR. H. R. MILL, *Director*,
BRITISH RAINFALL ORGANIZATION,
62 CAMDEN SQUARE, LONDON, N.W.
Copies of this form will be supplied with pleasure.

RAINFALL IN 1916

At Har Knowl

In the County of Lancaster

Rain Gauge
Diameter of Funnel 5 in.
Height of Top: *Above Ground* ft. 9½ in.
Height of Top: *Above Sea Level* — ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 or more recorded.
	Inches.	Inches.	Date.	
JAN.	4·60			
FEB.	4·76			
MAR.	2·01			
APR.	5·73		3	
MAY	2·84			
JUNE	3·55			
JULY	2·84			
AUG.	4·29			
SEPT.	3·25			
OCT.	7·44			
NOV.	3·03			
DEC.	3·38			
Total	47·72	1212		

Signed J. Stanley Doyle

W. 16,000. viii.16.

[*Please fill in the other side also.*

If Gauge has been moved during year state—

Date.	Distance.	Direction.

How was height above sea level ascertained?

State pattern and maker of Gauge, if known.
L. Casella (8038)

What are the objects nearest to the Gauge?

Objects.	Height.	Distance.	Direction.

In order that the position may be accurately entered on a map please mention

Latitude .... **N.**

Longitude ....

Nearest Railway Station and Parish Church.

	Name.	Distance.	Direction.
Station			
Church			

If you know of any record of rainfall not quoted in *British Rainfall*, please give the Observer's name and address below.

4772

2825

FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1917

Kept at Far Knowl: Naden. Norden Nr Rochdale

in the County of Lancaster

by Heywood & Middleton Water Board

Lat. Long.

Time of Observation 9 Am

Nearest Railway Station Wardleworth - Nr Rochdale

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground — ft. 9 in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

1917	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1						0·25							1
2		0·00	0·00								0·26		2
3								0·08					3
4					0·00								4
5	1·79									2·12			5
6				0·18			0·00						6
7									0·68			0·72	7
8						1·09							8
9		0·36	0·04								2·12		9
10								0·92					10
11					0·15								11
12	1·48									4·36			12
13				0·81			0·00						13
14									0·85			1·02	14
15						0·00							15
16		0·07	0·57								0·14		16
17								2·59					17
18					0·45								18
19	0·09									0·74			19
20				1·06			2·63						20
21									0·72			0·58	21
22						0·56							22
23		1·09	0·69								1·00		23
24								2·00					24
25					1·30								25
26	0·00									2·56			26
27				0·00			0·54						27
28		0·22							0·91			0·33	28
29						0·55							29
30		╳	1·08	0·00		0·00			0·00		2·99		30
31	0·00	╳	0·20	╳	0·42	╳	0·00	2·33	╳	1·09	╳	0·14	31
Total	3·36	1·74	2·58	2·05	2·32	2·45	3·17	7·92	3·16	10·87	6·57	2·79	YEAR'S TOTAL 48·92
Rain Days.	Taken Weekly. nearest Church: Norden Parish – distance 1½ miles. North-West from ~~Norden Church~~												

W. 8,000, VIII. 16

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64

21 6.

FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1918

Kept at Near Far Knowl Farm

in the County of S. Lancaster

by Heywood & Middleton Water Board

Lat. Long.

Time of Observation 9. A.M.

Nearest Railway Station Wardleworth Station

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground — ft. 9 in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Far Knowl Guage

Date 1918	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		0·40	0·00								0·24		1
2								0·00					2
3					0·84								3
4	0·12									1·31			4
5				0·35			0·00						5
6									1·28			2·38	6
7						0·36							7
8		2·30	0·18								0·92		8
9								1·36					9
10					0·19								10
11	1·13									2·63			11
12				0·61			0·69						12
13									4·44			1·30	13
14						0·40							14
15		2·37	0·11								0·74		15
16								0·22					16
17					0·50								17
18	1·69									0·81			18
19				0·06			1·90						19
20									4·58			3·42	20
21						1·01							21
22		1·61	0·46								0·00		22
23								0·65					23
24					1·40								24
25	1·15									0·13			25
26				0·14			1·96						26
27									3·04			2·75	27
28		0·63				0·23							28
29			1·23								1·11		29
30				0·00		0·00		1·89	0·18		0·29		30
31	0·00		0·71		0·06		0·02	0·27		0·24		1·58	31
Total	4·09	7·31	2·69	1·16	2·99	2·00	4·57	4·39	13·52	5·12	3 30	11·43	YEAR'S TOTAL 62·57
Rain Days.													

W. 8,000. X. 14.

2671

4 FEB 20

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Naden near Far Knowl Farm
in the County of Lancaster
by Heywood & Middleton Water Board

Lat. Long.
Time of Observation 9 A.M.
Nearest Railway Station Wardleworth Station
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground ft. 9 in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1								0·18					1
2					0·81								2
3	1·20									0·82			3
4				0·00			0·83						4
5									0·76			1·53	5
6						0·13							6
7		0·04	1·87								0·38		7
8								0·50					8
9					0·81								9
10	0·81									0·00			10
11				0·53			0·16						11
12									0·10			0·45	12
13						0·27							13
14		0·00	1·80								0·29		14
15								0·09					15
16					0·39								16
17	1·84									0·60			17
18				1·24			0·20						18
19									0·39			1·50	19
20						0·89							20
21		0·86	0·96								2·18		21
22								1·70					22
23					0·05								23
24	0·88									0·79			24
25				0·44			0·67						25
26									1·53			4·50	26
27						0·63							27
28		0·12	0·29								1·22		28
29								2·31					29
30				0·56	0·21	0·21			0·00		0·38		30
31	0·60		0·21		0·00		0·47	0·02		0·47		1·26	31
TOTAL	5·33	1·02	5·13	2·77	2·27	2·13	2·33	4·80	2·78	2·68	4·45	9·24	YEAR'S TOTAL 44·93
Days with ·01 in. or more													

2557

24 JAN 1921

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Near Far Knowl, Farm
in the County of Lancaster
by Heywood & Middleton Water Board

Lat. Long.
Time of Observation 9. A. M.
Nearest Railway Station Wardleworth
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground ft. 9 in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1										0·06			1
2	0·00			0·26			1·50						2
3									0·94			1·09	3
4						0·06							4
5			0·31								0·00		5
6		0·04						2·49					6
7					1·84								7
8										1·17			8
9	1·39			1·09			1·87						9
10									0·63			0·11	10
11						0·29							11
12			0·97								0·52		12
13		3·33						0·26					13
14					0·70								14
15										0·17			15
16	1·74			1·98			2·14						16
17									1·25			0·09	17
18						1·45							18
19			0·60								1·37		19
20		0·99						0·56					20
21					1·47								21
22										0·10			22
23	0·86			1·34			2·66						23
24									0·35			1·47	24
25						0·38							25
26			1·60								0·07		26
27		0·33						0·09					27
28					1·30								28
29		0·08							0	0·00			29
30	1·27	X		1·60		0·96	1·77		0·28		0·75		30
31	0·29	X	0·89	X	1·38	X	0·06	0·00	X	0·07	X	1·89	31
TOTAL	5·55	4·77	4·37	6·27	6·69	3·14	10·00	3·40	3·45	1·57	2·71	4·65	YEAR'S TOTAL 56·57
Days with ·01 in. or more													
Days with ·04 in. or more													

9L

415

FORM A2.
BRITISH RAINFALL.

26 JAN 1912

REG

OLDHAM

LANCASHIRE

1911 - 1920

Kept at Oldham

in the County of S La

by Dr. J. B. Wil

1 ft. in.

evel 600 ft.

ce Direction

IMPORTANT NOTE.—Rai result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·61		·11		·15	·06			·29		1
2	·05		·09		·12			·01		·09	·05	·08	2
3			·08		·42			·02	09		·37	·03	3
4	·01		·13	·04	·02		·01	·02	·10	·14	·46	·08	4
5	·21		·05	·03				·89		·04	·05		5
6	·14		·01	·09				·49		·16	·48	·22	6
7	·06									·03	·17		7
8	·23		·31							·01	·01	·54	8
9	·03		·01								·02	·06	9
10	·19	·07	·04									·44	10
11	·21	·02							·07		·26	·07	11
12			·23						1·23		·44	·01	12
13		·02			·37	·02					·24	·51	13
14	·06	·49	·02		·54				·01		·09	·15	14
15		·25	·02	·02							·19	·35	15
16	·01	·72	·06			·14					·15	·11	16
17	·02	·01	·08			·30				·09	·21	·04	17
18		·31	·06			·30		·04			·06	·18	18
19		·12				·04	·08		·30		·06	·24	19
20		·29		·36		·01	—	·71	·11	·14		·27	20
21		·64	·04				·12	·03		·07		·13	21
22	·01	·08		·06		·01			—	·43	·05	·04	22
23	·01	·26	·02	·01	·14	·47			·35	·05	·01	·28	23
24	·04	·18		·19		1·23		·02		·29		·18	24
25		·36		·27		·03			·54	·03	·01	·37	25
26		·05	·07	·32	·02	·10	·28	·07		·35	·26	·40	26
27	·03	·31		·41				·72	·46			·15	27
28		·24		·28		·21		·33	·08		·01	·54	28
29				·43		·31		·07	·48	·53	·01	·16	29
30				·01	·09	·27				·34			30
31			·27							·20		·06	31
Total	1·31	4·42	2·20	2·52	1·83	3·44	·64	3·48	3·82	2·99	3·95	5·69	TOTAL for year 36·29
No. of Rain Days	16	18	19	14	9	14	5	14	12	17	24	27	189

9,000, IX. '10.

8L

415

FORM A2.
BRITISH RAINFALL.

26 JAN 1912

REGISTER OF RAINFALL

Kept at Oldham

in the County of S. Lancashire 53

by Dr. J. B. Wilkinson

RAIN GAUGE
Pattern
Diameter of top 5 in.
Height of top above Ground 1 ft. in.
" " " Sea Level 600 ft.

Time of Observation

Nearest Railway Station
Name
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·61		·11		·15	·06			·29		1
2	·05		·09		·12			·01		·09	·05	·08	2
3			·08		·42			·02	·09		·37	·03	3
4	·01		·13	·04	·02		·01	·02	·10	·14	·46	·08	4
5	·21		·05	·03				·89		·04	·05		5
6	·14		·01	·09				·49		·16	·48	·22	6
7	·06									·03	·17		7
8	·23		·31							·01	·01	·54	8
9	·03		·01								·02	·06	9
10	·19	·07	·04									·44	10
11	·21	·02							·07		·26	·07	11
12			·23						1·23		·44	·01	12
13		·02			·37	·02					·24	·51	13
14	·06	·49	·02		·54				·01		·09	·15	14
15		·25	·02	·02							·19	·35	15
16	·01	·72	·06			·14					·15	·11	16
17	·02	·01	·08			·30				·09	·21	·04	17
18		·31	·06			·30		·04			·06	·18	18
19		·12				·04	·08		·30		·06	·24	19
20		·29		·36		·01		·71	·11	·14		·27	20
21		·64	·04				·12	·03		·07		·13	21
22	·01	·08		·06		·01				·43	·05	·04	22
23	·01	·26	·02	·01	·14	·47			·35	·05	·01	·28	23
24	·04	·18		·19		1·23		·02		·29		·18	24
25		·36		·27		·03			·54	·03	·01	·37	25
26		·05	·07	·32	·02	·10	·28	·07		·35	·26	·40	26
27	·03	·31		·41				·72	·46			·15	27
28		·24		·28		·21		·33	·08		·01	·54	28
29				·43		·31		·07	·48	·53	·01	·16	29
30				·01	·09	·27				·34			30
31			·27							·20		·06	31
Total	1·31	4·42	2·20	2·52	1·83	3·44	·64	3·48	3·82	2·99	3·95	5·69	TOTAL for year 36·29
No. of Rain Days	16	18	19	14	9	14	5	14	12	17	24	27	189

9,000, IX. '10.

Corrected Copy of Register for 1912.

Observations are entered to the day preceding that on which the amount is measured.

26 MAR 1913

Lancs. S3

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec.	Date
1			·23		·01	·03	·27	·02	·25			·92	1
2	01		·11	·08	·12	·06	·26		·23			·15	2
3	·45		·02		·07	·46		·68	·57			·16	3·
4	·46		·43	·37	·03	·48		·42	·14		·65		4
5	·22	·01			·44	·11		·01	·10	·07	·06	·02	5
6	·30	·33		·01	·15			·32			·02	·01	6
7		·03	·03	·01	·08	·07	·16	·08	·36		·01	·02	7
8	·26	·24	·07	·14	·04	·01		·10	·11		·15	·01	8
9	·15	·04	·15	·30		·13		·01			·15	·12	9
	·26	·07		·07		·45	·07	·08			·51	·02	10
11	·03				·01		·01				·01	·85	11
12	·12	·15	·32			·10	·06				·01	·11	12
13		·01						·35	·01	·31	·07	·59	13
14	·27		1·18	·03	·02	·07		·33	·02	·01		·44	14
15	·05	·19	·19	·01	·61	·25		·06				·18	15
16	·75	·07	·37		·03	·06		·10		·26	·04	·21	16
17		·11	·12		·02	1·03				·01	·08	·37	17
18		·01	·02			·02	·07	·06		·48	·09	·09	18
19	·52	·04	·12		·17	·02	·19	·39		·27	·08	·01	19
20	·10		·43		·22	·08	·01	·29		·32		·05	20
21	·07	·02	·02		·43		·12	·02		·26	·01	·17	21
22		·25			·66	·46	·14	·80				·15	22
23			·18			·10	·44	·95		·01	·41	·04	23
24	02	·03	·07			·20	·02	·05		·01	·13	·14	24
5		·01	·09			·22	·12	·02		·01	·38	·30	25
6		·09	·17			·01	·57	·30		1·08	·26	·27	26
7		·02	·53			·44	·59			·65		·10	27
8		·04	·03			·09	·21	·55	·02	·36	·30		28
9		·01	·03			·04	·49	-	·14	·17		·20	29
0			·22			·07	·05			·03			30
1			·08		21		1·25	·42				·05	31
	3·98	1·65	5·21	·96	3·32	5·06	5·10	6·41	1·95	4·41	3·39	5·75	47·19
	17	21	25	9	18	26	20	24	11	17	20	28	236

DL

31 JAN 1914

FORM A. BRITISH RAINFALL.

427

REGISTER OF RAINFALL IN 1913

Kept at *Oldham* Imp E & Pl

in the County of *S. Lancashire* S 3

by *H. Boardman*

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	·01	·05	·08	·03					·01		·10	·01	1
2	·19		·30	·02		·15					·03	·09	2
3	·06		·18		1·55		·01			·05	·01	·34	3
4	·21	·71	·34		·09		·09			·11	·05	·32	4
5	·13	·13	·17		·03	·23	·15			·18	·02	·01	5
6	·14	·04	·13		·62	·10	·30			·08	·01	·01	6
7	·12		·03		·45	·27	·03			·24	·12	·04	7
8	·13		·15		·04	·03		·62	·04	·01	·05	·02	8
9	·53		·25	·05		·72	·12	·07			·13	·24	9
10	·01		·24	·11	·14		·02		·07	·05	·02		10
11				·60	·01	·16				·01	·08	·07	11
12				·01	·01	·01			·09		·41	·01	12
13		·32	·72	·03			·01	·10	·26	·07	·30	·01	13
14		·54	·18	·23			·15	·03		·29	·12	·05	14
15	·02	·05	·12	·62			·01	·13	·06	·01	·46	·06	15
16		·02	·05	·09			·03	·01		·01	·35		16
17				·26	·04	·25	·12		·56	·01	·20		17
18		·04	·18	·28	·06	·03	·11				·16	·01	18
19		·02	·03	·03	·03	·14				·14	·27		19
20		·08	·06	·08	·04		·01		·10	·15	·55		20
21			·15		·10		·04	·12			·05		21
22		·65	·55		·04	·04		·87	·23		·01		22
23		·35	·04		·50	·51		·28	·20		·09	·12	23
24	·03	·47	·01	·26	·01	·14		·03			·07	·10	24
25		·01		·07					·30	·02	·06	·54	25
26	·11		·07	·74		·02			·05	·07	·01	·52	26
27				·29		·01				·04	·04	·21	27
28	·02	·32	·18	·45	·04					·02	·03		28
29		·01	·18	·70	·06			·16			·20		29
30		·55	·01		·08					·36	·08		30
31		·02	·22		·13								31
Total	1·71	4·38	4·62	4·95	4·07	2·81	1·20	2·42	1·97	1·92	4·08	2·78	YEAR'S TOTAL 36·91
Rain Days.	14	19	26	20	21	16	15	11	12	20	30	20	224

W. 7,500, XI. ·12

Esc. M.O.

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
6 - JAN 1915

Kept at Oldham ALEXANDRA PARK
in the County of Lancashire 5 3
by Dr Wilkinson Health Office

Lat. .... Long. ....
Time of Observation 10 am.
Nearest Railway Station Oldham L&NW & L&Y
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground .... ft. .... in.
" " " " Sea Level .... ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·08	·01	·11	-	-	·01	·56	·85	-	·02	-	·27	1
2	·05	-	·07	·01	·03	-	·28	·50	-	·07	·09	·29	2
3	·23	-	·25	-	·36	-	·07	·10	-	-	·01	·45	3
4	·50	-	·64	·34	·28	-	·	-	-	-	·08	·30	4
5	·04	-	·65	·15	·23	·23	·14	·01	-	·02	·14	·12	5
6	-	-	·11	·13	·30	-	-	·04	-	-	·06	·01	6
7	·07	·04	·20	·04	·20	·12	-	·16	-	-	·02	·14	7
8	·75	·01	·05	·01	·21	-	-	·40	·02	·05	·01	·01	8
9	·57	·09	-	·35	·04	·87	-	·38	·01	-	·13	·01	9
10	·05	·08	-	·21	·07	-	-	-	·19	-	·12	-	10
11	-	·29	·41	·04	·03	-	·27	-	·25	-	·66	·09	11
12	-	·10	·17	-	·12	·14	·31	-	·67	-	·66	·30	12
13	·03	·15	·11	·11	·02	-	·06	-	·30	-	·41	·28	13
14	·05	·23	·21	-	-	-	·04	-	·14	·01	·30	·19	14
15	·02	·02	·45	-	-	-	-	-	·04	-	·13	-	15
16	·06	·04	·08	-	-	-	·90	-	·76	-	·10	-	16
17	·03	·50	·34	-	-	·02	·13	-	·21	-	-	·83	17
18	·01	-	·01	-	-	·13	·01	-	·09	-	-	·13	18
19	-	-	·03	-	-	-	·05	-	·11	-	·20	·44	19
20	-	·11	·07	-	-	·07	-	-	-	·04	-	·01	20
21	-	·19	-	-	-	·08	-	-	-	·04	·01	-	21
22	-	·25	·01	·03	·35	·67	-	·12	-	·01	-	-	22
23	-	·01	·18	·20	·06	·13	·39	·	-	-	·02	·02	23
24	·09	·01	1·86	·04	-	·05	·63	·66	-	-	·22	-	24
25	·12	·01	-	-	-	-	·20	·31	-	·86	·09	·52	25
26	·01	-	·02	-	-	-	·02	·03	-	·35	·35	·10	26
27	·15	-	-	-	-	-	-	-	-	·44	·23	1·14	27
28	·09	·11	·13	-	·04	·01	·08	-	·01	·01	·20	·14	28
29	·19		·07	·12	·04	·01	-	·07	-	·40	·70	·20	29
30	·01	X	·21	-	-	-	-	·04	-	·01	·13	·16	30
31	·46	X	·33	X	-	X	·57	-	X	·11	X	·01	31
Total	3·66	2·25	6·77	1·78	2·38	2·54	4·71	3·67	2·80	2·44	5·07	6·16	YEAR'S TOTAL 44·23
Rain Days.	23 dys	19	26	14	16	14	18	14	13	15	25	25	222

W. 8,000. X. 14.

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REGISTER OF RAINFALL IN 1915

FORM A.
BRITISH RAINFALL.

Kept at Oldham

in the County of S. Lancashire

by Dr. J. B. Wilkinson

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.11	.42	.04		.36		.15	.29	.09			.30	1
2	.01	.36	.41	.28		.05	.39	.56		.05			2
3	.54		.07	.30			.41	.06			.02	.46	3
4	.01	.04	.01		.15	.03	.39					.90	4
5	.13	.08	.18	.01	.15	.01		.04				.60	5
6	.45	.01	.01	.27			.55	.17				.38	6
7	.77	.33		.07	.38		.26	.47				.12	7
8	.14	.10		.04			.04	.16			.39		8
9		.02		.01			.01	.03		.02	.21	.42	9
10	.66		.21	.02			.03	1.68		.02	.14	.15	10
11	.08		.01	.01	.56		.28	.54			.22		11
12	.47			.12	.12		.06	.35		.41	1.31		12
13	.20	.54	.01				.01	.05		.02			13
14	.22		.01	.09			.09	.07	.09	.02		.88	14
15	1.16	.02		.01				.32	.02		.11		15
16	.01	.27			.44		.99	.61				.10	16
17		.18					.01						17
18	.03	.25	.12							.01			18
19	.01	.14	.34	.05	.10		.26						19
20	.38	.02	.01				.14	.03				.29	20
21	.05	.03		.05			.42					.28	21
22	.11		.09			.01	.14					.18	22
23	.01		.11	.01		.03	.04		.03	.20		.09	23
24			.03	.02		.02			.37			.41	24
25						.70			.16			.23	25
26		.29				.07	.53		.01			.33	26
27		.18				.15	.23			.59		.23	27
28		(.29)				.59		.39		.22		.03	28
29					.04	.60		.21		.01	.07	.07	29
30		X		.09		.20		.04					30
31	.40	X	.02	X		X	.08	1.11	X	.17	X	.27	31
Total	5.95	3.57 ~~3.28~~	1.68	1.45	2.30	2.46	5.51	7.18	.77	1.74	2.47	6.72	YEAR'S TOTAL 41.80 ~~41.51~~
Rain Days.	22	19 ~~18~~	17	17	9	12	23	20	7	12	8	21	187 ~~186~~

W. 8,000. X. 14.

81

Exe 81

2943
~~358~~

FORM A.
BRITISH RAINFALL.
30 [illegible]N 1917

REGISTER OF RAINFALL IN 1916

Kept at Oldham
in the County of S. Lancashire
by J. B. Wilkinson

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground — ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·46	·08	·15			·36	·37				·26	·01	1
2	·16	·25				·03	·02		·37	·25	·04	·01	2
3		·25		·01		·12	·03		·43	·25	·06		3
4	·12	·24		·02	·21	·81	·02		·32	·26	·20		4
5	·16	·47			·02	·56				·80	·21		5
6	·83	·39			·36	·09	·21			·24	·23	·06	6
7	·03		·14		·31	·04	·05			·40	·12	·44	7
8	·02		·02		·01	·13	·03			·09	·63	·04	8
9	·22		·36		·41	·06			·13		·12	·01	9
10	·02	·28		·14	·01	·09	·05		·02	·04		·07	10
11	·02	·32	·20	·58	·08	·03	·06		·29			·14	11
12	·21	·18	·13	·10	·35		·71	·02	·04	·13		·01	12
13		·20	·04	·06	·01		·02	·36		1·38		·06	13
14	·03	·10	·02	·17	·56		·01	·31	·06	·15		·06	14
15		·47	·58	·06			·04	·53	·22	·08			15
16	·06	·32	·43	·37			·28	·19	·03	·07			16
17	·20	·17		·24			·07	·01	·83	·16	·01		17
18	·02	·42	·02	·20			·01	·07	·28	·21	·42		18
19	·37		·18	·14				·16	·06		·18		19
20	·25		·04	·23	·03		·02	·07			·01	·47	20
21	·18	·01	·02	·04	·06		·07				·01	·07	21
22						·09				·12		·10	22
23	·04	·02						·10		·01	·17	·27	23
24			·11	·02		·10		·22		·05		·10	24
25	·23	·06	·09		·05	·03		·21		·01	·39	·06	25
26	·03		·16					·06		·01			26
27	·01	·57						·03		·36		·01	27
28	·01	·31		·01		·51				·08	·04	·94	28
29		·28				·17				·29		·17	29
30	·01	X				·12	·02	·04		·44	·04	·08	30
31		X		X	·15	X	·01	·08	X	·29	X	·16	31
Total	3·69	5·39	2·69	2·39	2·62	3·34	2·10	2·46	3·08	6·17	3·14	3·34	YEAR'S TOTAL 40·41
Rain Days.	24	21	17	16	15	17	20	16	13	25	18	22	224

W. 8,000. X. 15.

2798

REGISTER OF RAINFALL IN 1917

FORM A.
BRITISH RAINFALL.
12. FEB 1918

Kept at Oldham
in the County of Lancashire
by Dr. James B. Wilkinson M.D.
Medical Officer of Health

Lat. 53·132 Long. 2·165
Time of Observation 10·0 A. M.
Nearest Railway Station Clegg Street
Diameter of Funnel of Rain Gauge 5 in's
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 600 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·04

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·06	-	-	-	-	·02	-	-	·54	-	·01	·07	1
2	·73	-	-	-	-	·20	-	·41	·34	-	·20	·11	2
3	·09	-	-	-	-	·23	-	·03	-	·04	·01	-	3
4	·10	-	-	·04+	-	·21	-	-	-	1·03	·08	·05+	4
5	·31	-	·02	·21+	-	-	-	-	-	·33	·01	-	5
6	·01	-	-	-	-	-	-	·01	·01	·13	·30	·03	6
7	·49+	-	-	·09+	-	·63	-	-	-	·58	·37	·20	7
8	·55+	-	-	·03+	-	-	-	-	-	·83	·03	·15	8
9	-	-	·07	·08+	-	-	-	·41	·03	·83	·30	·15	9
10	-	-	·51	-	-	-	-	·30	-	·15	·70	-	10
11	·71+	-	-	·28+	-	-	-	·04	-	·01	·01	-	11
12	·02+	-	·02	·12+	-	-	-	·16	·01	·45	·04	-	12
13	·05+	-	-	·29+	-	-	-	·79	·01	·43	·01	-	13
14	-	·08+	-	·18+	·21	-	-	·11	·70	·02	·04	·66	14
15	-	-	-	·13	·04	-	-	·25	-	·01	·31	·21	15
16	-	·22+	-	·15	-	-	-	·20	·17	·09	-	·14	16
17	·07+	·05	·33	·13	-	-	·02	·32	·01	·02	·03	·07	17
18	·15+	-	·19	·34	·06	·02	·56	1·72	·08	·18	-	·09	18
19	·04+	·20	·15	·05	·06	-	·46	-	·38	·04	·01	-	19
20	-	·21	·01	·01	1·10	·10	·01	·09	-	-	·07	·52	20
21	-	·02	·08+	-	·06	·21	-	·01	·08	-	·47	·18	21
22	-	·01	·03+	-	·03	·05	-	·33	·01	·10	·02	-	22
23	-	·09	-	-	-	-	-	·22	·30	·50	·11	-	23
24	-	·01	-	-	·11	·31	·01	·56	·04	·15	·01	·14	24
25	-	·06	·08	-	-	·02	·02	·34	·01	·67	·50+	·09	25
26	-	-	·01	-	-	-	-	·26	·09	·24	·11+	-	26
27	-	-	·05	-	-	-	·05	·74	·19	·12	1·03	-	27
28	-	·07	·26	-	·40	·22	·18	·64	-	·07+	·21	·02	28
29	-	-	·10	-	-	-	·02	·50	-	·04	·06	·18	29
30	-	X	·24	-	·22	-	·04	·06	-	·33	·05	·17	30
31	-	X	-	X	-	X	-	·20	X	·10	X	·03	31
					·02	-	-	·54	-	·07	·07	·04	YEAR'S TOTAL
Total	3·38	1·02	2·15	2·13	~~2·29~~ 2·31	~~2·22~~ 2·80	~~1·37~~ 1·37	~~8·80~~ 9·34	~~3·00~~ 2·46	~~7·49~~ 7·50	~~5·10~~ 5·16	~~3·26~~ 3·23	~~42·81~~ 42·85
Rain Days.	14	11	16	15	18	17	10	26	17	28	28	20	206

W. 8,000, IX. 17.

+ Partly melted snow.

36

REGISTER OF RAINFALL IN 19 18

FORM A. BRITISH RAINFALL
3. 2. 19

Kept at OLDHAM.
in the County of Lancashire
by Dr. Wilkinson, Medical Officer Health

Lat. 53.132 Long. 2.165
Time of Observation 10 a.m.
Nearest Railway Station Clegg Street.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 600 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ---

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.04	-	.11	.39	-	-	-	-	.32	.05	.02	.31	1
2	-	.41	-	.11	-	-	-	-	.65	.10	.09	.20	2
3	-	.14	-	.36	-	-	-	.03	.36	.07	-	.91	3
4	.02	-	.01	.01	-	-	-	.06	.04	.26	.03	-	4
5	.10	.03	-	-	-	-	-	.20	.15	.30	.25	.43	5
6	.01	.01	-	.23	.08	-	-	1.08	.15	.25	.04	-	6
7	-	1.58	-	.43	-	.22	-	.22	-	.26	.02	.02	7
8	-	.08	-	.12	.02	-	.05	.02	.25	.41	.18	.03	8
9	-	.48	.11	-	-	.01	.48	.01	.83	.36	.06	.03	9
10	.48	.49	-	.02	-	.38	-	-	.98	.48	.02	.09	10
11	.08	.53	.02	-	-	-	.15	-	.25	.10	.29	.03	11
12	.30	.17	.10	.02	.08	-	.06	-	.32	-	.01	.20	12
13	-	.35	-	.05	.07	.04	.52	-	.49	-	.01	.53	13
14	-	-	-	.02	.22	.01	-	-	.79	.44	.01	-	14
15	.65	-	-	-	-	.25	.21	-	.70	.05	.02	.45	15
16	-	-	-	-	.02	.07	.79	-	1.50	.01	.01	.61	16
17	-	-	-	-	-	.13	.10	.06	.27	-	.01	.24	17
18	.48	-	-	-	.04	.10	.09	.25	.15	.13	-	.23	18
19	.40	-	.17	-	-	.09	.30	.01	.45	.01	.01	.24	19
20	.13	.07	.17	-	.11	.01	.30	.24	.42	.04	.01	1.05	20
21	.09	.60	-	-	-	.26	.46	.01	.27	.02	-	-	21
22	.12	.65	-	-	.11	.20	.07	-	.57	.02	-	.15	22
23	.07	.03	-	-	.53	.02	.45	.01	.16	.01	-	.75	23
24	.08	.02	-	-	.20	-	.22	-	.05	-	.05	.09	24
25	-	.07	-	-	-	-	.06	-	.15	.02	.08	.21	25
26	-	.03	-	-	-	.01	.40	-	.24	-	-	-	26
27	-	.07	-	-	-	-	.03	-	.38	.06	.26	.15	27
28	-	.08	.27	-	-	.05	-	.49	.36	.03	.32	.64	28
29	-	-	.50	-	-	-	-	.23	.09	.02	.17	.92	29
30	-	×	.04	-	-	-	-	.01	.07	-	.01	.04	30
31	·01	×	.46	×	-	×	-	.19	×	.01	×	.31	31
	-	·11	·39	-	-	-	-	·32	·05	·02	·31	-	YEAR'S TOTAL
Total	~~3.06~~ 3·02	~~5.89~~ 6·00	~~1.96~~ 2·24	~~1.76~~ 1·37	~~1.48~~ 1·48	~~1.94~~ 1·94	~~4.74~~ 4·74	~~3.12~~ 3·44	~~11.41~~ 11·14	~~3.51~~ 3·48	~~1.98~~ 2·27	~~8.66~~ 8·55	~~49.71~~ 49·67
Rain Days.	16 5	20 9	11	11 5	11	16	18	16 8	29	25	24	26 5	~~224~~ 223

W. 6,500. VII. 18. W W C

corred for WD

2643

27 JAN. 20

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1919

Kept at O L D H A M.

in the County of Lancashire.

by Dr. Wilkinson, M. O. H.,

Lat. 53.132 Long. 2.165

Time of Observation 10 a.m.

Nearest Railway Station Clegg St.

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 600 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. .02

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	-	.05	.02	.08	.16	-	.19	.49	.02	-	.02	.17	1
2	.55	-	.04	.03	.54	-	.31	.10	.41	.44	.05	.15	2
3	.22	-	.70	-	.03	-	.18	.03	.05	.02	.05	.22	3
4	.04	-	-	-	.09	.23	.13	-	.06	-	.20	.15	4
5	.14	.02	.25	.01	.01	.02	.04	.29	.18	.01	.01	.16	5
6	.36	-	-	.03	.11	-	-	-	.04	-	.02	.46	6
7	.65	-	.60	-	.72	-	.02	-	.01	-	.01	.08	7
8	.31	-	.63	.02	-	-	-	-	.02	-	.15	.01	8
9	.08	-	.07	-	-	.05	-	-	-	.02	.02	-	9
10	.25	-	.17	.05	-	-	-	-	-	-	.04	.01	10
11	-	-	1.10	.23	-	-	-	-	-	-	.05	.24	11
12	.03	-	1.13	.15	.05	-	.08	-	-	.03	-	.01	12
13	-	-	.61	.15	.01	-	.09	-	.01	.23	-	.02	13
14	.52	.03	.02	.12	-	-	.01	.04	.01	.26	-	.08	14
15	.35	-	-	.23	-	-	-	-	-	.03	.03	.10	15
16	.28	.03	.02	.03	-	-	-	-	.01	.01	-	.27	16
17	.23	.40	-	.05	-	.10	-	-	-	-	.40	.03	17
18	.03	.11	-	.20	.19	.19	-	.47	-	-	1.23	.05	18
19	.01	-	.40	-	-	-	.03	.62	.15	-	.05	.42	19
20	.12	.15	.30	-	-	.23	.65	.16	.08	.01	.23	.07	20
21	.44	.12	.17	-	-	.20	.13	.15	.02	-	.25	.92	21
22	.02	.45	.10	-	-	.01	.19	.01	.31	.01	.07	.19	22
23	-	.13	.02	-	-	.13	-	.11	.46	-	.10	1.14	23
24	.02	-	-	.03	-	.19	-	.02	.37	.79	.15	.08	24
25	.02	-	-	.12	.28	.05	-	.05	.38	.24	.21	.18	25
26	.20	.02	-	.15	.09	.47	-	.62	.13	.01	.23	-	26
27	.04	-	.58	.02	-	.10	-	.70	.15	-	.02	.62	27
28	.03	-	-	.38	-	-	-	.09	.02	-	.02	.05	28
29	.05	-	.01	.14	-	.04	-	.32	-	.04	-	.39	29
30	.15		.02	.01	-	.02	-	.05	.01	.55	.02	.07	30
31	.02		.12		-		-	.03		.27		.39	31
	.05	.02	.08	.16	-	.19	.49	.02	-	.02	.17	.02	YEAR'S TOTAL
TOTAL	~~5.16~~ 5.21	~~1.51~~ 1.48	~~7.08~~ 7.14	~~2.23~~ 2.31	~~2.28~~ 2.12	~~2.03~~ 2.22	~~2.05~~ 2.35	~~4.35~~ 3.88	~~2.90~~ 2.88	~~2.97~~ 2.99	~~3.63~~ 3.78	~~6.73~~ 6.58	~~42.92~~ 42.94
Days with ·01 in. or more	28 ~~27~~	11	22	21	11 ~~12~~	16 ~~15~~	13	19	21 ~~22~~	18 ~~17~~	25	29	~~233~~ 234

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

Form A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

Cof WD

REGISTER OF RAINFALL IN 1920.

3 FEB 1921

3-2530

Kept at O L D H A M.

in the County of Lancashire

by Health Dept. Oldham Corporation.

Lat. 53.132 N Long 2.165 W

Time of Observation 10 a.m.

Nearest Railway Station Clegg St.

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 600 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. --

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.02	.21	-	.03	.17	.23	.40						1
2	-	.01	.10	.17	.32	-	.96						2
3	-	-	.02	.20	.02	-	.70						3
4	.12	.09	.02	.18	.03	.03	.54						4
5	.05	.01	-	.15	.08	.01	.12						5
6	-	-	.09	.01	.80	.01	.31						6
7	.01	-	.76	.29	.14	-	.05						7
8	.17	.10	-	.03	.03	-	.41						8
9	.05	.02	-	.26	.18	-	.28						9
10	.52	1.40	.12	.28	.01	-	.60						10
11	.82	.49	.07	.05	-	-	.70						11
12	.11	.06	.02	.02	.31	-	.03						12
13	.18	.30	.07	.18	.14	.33	.09						13
14	-	.15	.37	.12	.02	.73	-						14
15	.20	.10	.18	.12	-	.65	.06						15
16	.02	.15	.02	.58	-	-	-						16
17	.01	.01	.21	.18	.08	.11	.70						17
18	.13	-	.05	-	.19	.01	.05						18
19	.13	.01	-	.10	.44	-	.03						19
20	.17	1.48	-	.04	.43	.38	.03						20
21	.21	.16	-	.15	.01	.08							21
22	.02	.02	.01	.04	-	-							22
23	.08	-	-	.33	-	.10							23
24	-	.03	.03	.14	.01	-							24
25	.26	-	.45	.05	-	.03							25
26	.02	.08	.03	.10	-	.02							26
27	.11	.09	.39	.41	.05	-							27
28	.05	.01	.15	.15	.62	.58							28
29	.30	.05	.25	.29	.29	.24							29
30	.73		.65	.10	1.10	.02							30
31	.46		.04		.45								31
Total	21 ~~4.95~~ 5.14	- ~~5.04~~ 4.83	·03 ~~4.10~~ 4.13	·17 ~~4.75~~ 489	·33 ~~5.92~~ 5.98	·40 ~~3.66~~ 3.83	~~6.07~~ mb						Year's Total ~~34.49~~
Days with ·01 in. or more	26	~~23~~ 22	~~23~~ 24	~~29~~	24	17	~~18~~						~~160~~
Days with ·04 in. or more	~~20~~ 21	~~15~~ 14	16	~~25~~ 26	17	10	~~15~~						~~116~~

From July 21st. 1920

no record of the

amount of rain fall

has been obtained

owing to the

instruments being

removed (temporarily)

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

FORM A.
BRITISH RAINFALL.

4 JAN 1918

REGI

2842

~~LANCS~~, OLDHAM GAS WKS

1917-20

1918-19 A/B

Kept at Central Gas ...am.

in the County of Lanca... ...ham, Central

by Oldham Corporation...

...uge 5 in.

...Ground 4 ft. - in.

...Sea Level 600 ft.

IMPORTANT NOT... ...he result entered to the previous day. If an Ob... ...sal rule, he is earnestly requested to add the read... ...in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·10	·	-	·06	·	·65	-	·31	·51	-	·16	·18	1
2	·50	·	-	·14	·	·20	-	·03	·01	·03	·03	·	2
3	·20	·20	·	·	·	·18	·	·	·	·62	·04	·04	3
4	·10	·04	·02	·	·	·	-	·	·	·66	·01	·	4
5	·20	·	·	·24	·	·	-	·	·01	·12	·24	·01	5
6	·10	·	·	·	·	·36	-	·	·	·06	·29	·17	6
7	·50	·	·	·	·	·37	-	·	·	1·27	·06	·03	7
8	·30	·	·	·15	·	·	-	·33	·	·92	·27	·11	8
9	·	·	·04	·07	·	·	-	·23	·	·14	·76	·03	9
10	·20	·	·47	·12	·26	·	-	·04	·	·02	·	·	10
11	·14	·	·	·14	·	·	-	·08	·	·38	·03	-	11
12	·05	·	·02	·02	·21	·	-	·62	·	·40	·02	·10	12
13	·03	·	·	·13	·36	·	-	·08	·60	·	·04	·62	13
14	·07	·	·	·16	·04	·	·	·39	·	·	·01	·25	14
15	·10	·	·	·02	·03	·	·43	·08	·16	·07	·	·25	15
16	-	·08	·	·20	·	·	·03	·28	·03	·04	·01	·30	16
17	-	·06	·32	·15	·03	·02	·24	1·72	·08	·17	·03	·02	17
18	·02	·	·06	·10	·01	·	·63	·21	·28	·06	·	·	18
19	·05	·15	·15	·	·82	·06	·	·05	·03	·	·04	·	19
20	·03	·29	·05	·	·06	·24	·	·02	·09	·	·42	·	20
21	·	·02	·06	·	·02	·06	·	·42	-	·09	·06	·	21
22		-	·01	·	·	·01	-	·03	·23	·39	·15	·	22
23	·	·10	·	·	·08	·02	·01	·69	·05	·18	·02	·10	23
24	·	·	-	·	·01	·26	·	·34	·	·62	·20	·06	24
25	·	·05	·07	·	·	-	·	·17	·	·16	·10	·	25
26	·	·	·	·	·	-	·	·80	·26	·15	1·15	·	26
27	·	·	·	·	·33	·18	·28	·51	·	·03	·25	·03	27
28	·	·06	·26	·	·	·01	-	·39	·02	·11	·06	·01	28
29	·	X	·16	·	·13	·	·08	·19	·	·36	·05	·20	29
30	·04	X	·20	·	·	·	-	·05	·	·09	·04	-	30
31	·	X	-	X	·02	X	-	·11	X	·	X	-	31
Total	2·73	1·05	1·89	1·70	2·41	2·62	1·70	8·17	2·36	7·14	4·54	2·51	YEAR'S TOTAL 38·82
Rain Days.	18	10	14	14	15	14	7	26	14	25	27	18	2·09

W. 8,000, IX. 17.

made

REGI

FORM A.
BRITISH RAINFALL.

4 JAN 1918

Kept at Central Gas Works, Oldham
in the County of Lancashire
by Oldham Corporation Water Department

Lat. ________ Long. ________
Time of Observation 9·0 AM
Nearest Railway Station Oldham, Central
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 4 ft. - in.
" " " " Sea Level 600 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ________

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·10	.	-	·06	.	·65	.	·31	·51	-	·16	·18	1
2	·50	.	-	·14	.	·20	-	·03	·01	·03	·03	.	2
3	·20	·20	.	.	.	·18	.	.	.	·62	·04	·04	3
4	·10	·04	·02	.	.	.	-	.	.	·66	·01	.	4
5	·20	.	.	·24	.	.	-	.	·01	·12	·24	·01	5
6	·10	.	.	.	.	·36	.	.	.	·06	·29	·17	6
7	·50	.	.	.	.	·37	-	.	.	1·27	·06	·03	7
8	·30	.	.	·15	.	.	-	·33	.	·92	·27	·11	8
9	.	.	·04	·07	.	.	.	·23	.	·14	·76	·03	9
10	·20	.	·47	·12	·26	.	-	·04	.	·02	.	.	10
11	·14	.	.	·14	.	.	-	·08	.	·38	·03	-	11
12	·05	.	·02	·02	·21	.	-	·62	.	·40	·02	·10	12
13	·03	.	.	·13	·36	.	:	·08	·60	.	·04	·62	13
14	·07	.	.	·16	·04	.	.	·39	.	.	·01	·25	14
15	·10	.	.	·02	·03	.	·43	·08	·16	·07	.	·25	15
16	-	·08	.	·20	.	.	·03	·28	·03	·04	·01	·30	16
17	-	·06	·32	·15	·03	·02	·24	1·72	·08	·17	·03	·02	17
18	·02	.	·06	·10	·01	.	·63	·21	·28	·06	.	.	18
19	·05	·15	·15	.	·82	·06	.	·05	·03	.	·04	.	19
20	·03	·29	·05	.	·06	·24	.	·02	·09	.	·42	.	20
21	.	·02	·06	.	·02	·06	.	·42	-	·09	·06	.	21
22		-	·01	.	.	·01	-	·03	·23	·39	·15	.	22
23	.	·10	.	.	·08	·02	·01	·69	·05	·18	·02	·10	23
24	.	.	-	.	·01	·26	.	·34	.	·62	·20	·06	24
25	.	·05	·07	.	.	-	.	·17	.	·16	·10	.	25
26	.	.	.	.	.	-	.	·80	·26	·15	1·15	.	26
27	.	.	.	.	·33	·18	·28	·51	.	·03	·25	·03	27
28	-	·06	·26	.	.	·01	-	·39	·02	·11	·06	·01	28
29	.	X	·16	.	·13	.	·08	·19	.	·36	·05	·20	29
30	·04	X	·20	.	.	.	-	·05	.	·09	·04	-	30
31	.	X	-	X	·02	X	-	·11	X	.	X	-	31
Total	2·73	1·05	1·89	1·70	2·41	2·62	1·70	8·17	2·36	7·14	4·54	2·51	YEAR'S TOTAL 38·82
Rain Days.	18	10	14	14	15	14	7	26	14	25	27	18	2·02

W. 8,000, IX. 17.

2529

6 JUL 1921

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Oldham Gas Works

in the County of Lancashire

by Oldham Corporation

Lat. 53° 32′ 15″ N Long. 2° 6′ 25″

Time of Observation 9 am

Nearest Railway Station Oldham Central L. & Y. Rly

Diameter of Funnel of Rain Gauge 5″ in.

Height of top of Gauge above Ground 3 ft. 8 in.

" " " " Sea Level 620·74 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·04	11	·30	·01	·80	·32	·14	·04	·03	08	1
2	·08		02	·10	02		·90	·06	·26	·12		13	2
3		·04	02	·20	02	·01	·45	·36	·20	·04		16	3
4	03			·14			·10	·91	·08	·30		06	4
5			08	01	·68		·22	·20	·20	·33		05	5
6			·40	21	·20		·04				·01	·02	6
7	·14		·16	05	·03		·30						7
8	12	·09	·06	·24	·13		01	·08					8
9	42	·95	·03	·30			·61	·03			·02		9
10	62	·94	·09	·04			·56				·01		10
11	66	09	·01	·01	·19	·14	·01						11
12	23	24	·06	14	·06	·05	·03	·06			·14		12
13	15	13	·29	12	·01	·52	·03				06	02	13
14	04	09	15	·12		·65	01		·61	·04	62	04	14
15	02	24	·04	·56			02		05	·12	08		15
16		01	·22	·22	03	·04	·46		·03		08		16
17	08		03		·14			·19	·31	02			17
18	18			·04	·38		06	03	·60				18
19	15	1·50		03	·60			13					19
20	24	·01		11		·24	48					·04	20
21	03						40	05		03		·24	21
22	08			·36		·05	23					·09	22
23			·01	·04			·65	·11				28	23
24	05		·47									34	24
25		·02	·02	·10		02	·72	·04				02	25
26	15	·09	·38	·25	·10		03				01		26
27	05	·03		·23	·60	·54	·03				08	09	27
28	54		·23	·30	·14	·14	·04				05	24	28
29	03	·01	·58	·06	1·00	·03	·44				15	56	29
30	42	✕	·03	·04	51	·15			·19		10	46	30
31	38	✕	·02	✕	·20	✕	·03		✕	·06	✕	·10	31
TOTAL	4·92	4·57	3·80	4·19	5·34	2·68	4·99	2·64	2·64	1·10	1·44	3·02	YEAR'S TOTAL 44·45
Days with ·01 in. or more	24	16	24	27	20	14	27	14	11	10	14	19	220
Days with ·04 in. or more	20	11	15	24	15	10	18	12	10	8	9	16	168

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

ORMS~~KIRK~~

AUGHTON SPRINGS

LANCASHIRE

1911 - 1912

FORM A2.
BRITISH RAINFALL.

16 JAN 1912

ORMSKIRK
Kept at Aught… …don

…in.

…ound 1 ft. … in.

in the County of L… … Level 137·61 ft.

…m.

by Cecil E M… …me Town Green & Aughton

…stance 1 mile Direction E

IMPORTANT … e result entered to the previous day. If a … al rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·01	—	·10	—	·17	—	·03	·24	—	—	·33	·11	1
2	—	—	·04	—	·11	—	—	·02	—	·16	—	·03	2
3	·01	—	·04	—	·40	—	·06	—	·05	—	·25	·10	3
4	—	—	·04	·01	—	—	—	·82	·15	—	·14	·12	4
5	·25	—	·11	—	·02	—	—	·56	—	—	·02	·03	5
6	·11	—	·01	—	—	—	—	·41	—	·01	·21	·04	6
7	·01	—	·02	·02	—	—	—	—	—	—	·10	·02	7
8	·13	—	·21	·02	—	—	—	—	—	—	·03	·61	8
9	·01	—	—	·01	—	—	—	—	—	—	·01	·10	9
10	·07	·05	·18	—	—	—	—	—	·22	—	—	·30	10
11	·05 ~~·08~~	·01	—	—	—	—	—	—	·01	—	·31	·07	11
12	·01	—	·20	—	·02	—	—	—	1·33	—	·25	·03	12
13	—	·10	·01	—	—	—	—	—	·02	—	·09	·17	13
14	·04	·30	—	—	—	—	—	—	—	—	·04	·20	14
15	·01	·27	·01	·02	—	—	—	—	—	—	·15	·12	15
16	·01	·12	·01	—	—	·12	—	—	—	—	·16	·06	16
17	·01	—	—	—	·18	·42	—	—	—	—	·06	·07	17
18	·01	·15	—	·12	·15	·03	—	·05	—	—	·05	·05 ~~·04~~	18
19	·01	·07	·01	·02	—	·12	·06	—	·61	·03	·23	·23	19
20	—	·08	—	·50	—	·02	·06	·48	·35	·04	—	·40	20
21	—	·57	·03	·05	—	·01	—	·04	—	·16	—	·16	21
22	·01 ~~·02~~	·09	·01	·06	—	·09	—	—	—	·38	—	·11	22
23	—	·05	·01	·10	·03	—	—	·02	·16	~~7~~ ·06	—	·25	23
24	·03	·11	·02	·17	·01	1·06	—	·04	—	·25	—	·13	24
25	·01	·09	—	·20	—	·18	·03	—	·70	·38	—	·10	25
26	—	·04	—	·26	—	·08	·02	·14	—	·24	·11	·20	26
27	—	·14	—	·45	—	·01	·01	·41	·80	—	—	·17	27
28	—	·19	—	·30	—	·17	—	—	·13	—	—	·53	28
29	—		—	·33	—	·16	·06	—	·18	·38	·02	·12	29
30	—		—	·03	—	·24	·03	—	—	·16	·06	·02	30
31	—		—		·05		—	—		·17		·02	31
Total	·80	2·43	1·06	2·67	1·14	2·71	·36	3·23	4·71	2·42	2·62	4·67	TOTAL for year 28·82
No. of Rain Days.	19	17	18	18	10	14	9	12	13	13	20	31	194

W. 8,000, X. '11.

FORM A2.
BRITISH RAINFALL.
16 JAN 1912

S1

Kept at ORMSKIRK Aughton Springs

in the County of Lancaster

by Cecil E Maples J.P.

RAIN GAUGE
Pattern Snowdon
Diameter of top 5 in.
Height of top above Ground 1 ft. in.
" " " Sea Level 137·61 ft.

Time of Observation 9 a.m.

Nearest Railway Station
Name Town Green & Aughton
Distance 1 mile Direction E

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·01	—	·10	—	·17	—	·03	·24	—	—	·33	·11	1
2	—	—	·04	—	·11	—	—	·02	—	·16	—	·03	2
3	·01	—	·04	—	·40	—	·06	—	·05	—	·25	·10	3
4	—	—	·04	·01	—	—	—	·82	·15	—	·14	·12	4
5	·25	—	·11	—	·02	—	—	·56	—	—	·02	·03	5
6	·11	—	·01	—	—	—	—	·41	—	·01	·21	·04	6
7	·01	—	·02	·02	—	—	—	—	—	—	·10	·02	7
8	·13	—	·21	·02	—	—	—	—	—	—	·03	·61	8
9	·01	—	—	·01	—	—	—	—	—	—	·01	·10	9
10	·07	·05	·18	—	—	—	—	—	·22	—	—	·30	10
11	~~·08~~ ·05	·01	—	—	—	—	—	—	·01	—	·31	·07	11
12	·01	—	·20	—	·02	—	—	—	1·33	—	·25	·03	12
13	—	·10	·01	—	—	—	—	—	·02	—	·09	·17	13
14	·04	·30	—	—	—	—	—	—	—	—	·04	·20	14
15	·01	·27	·01	·02	—	—	—	—	—	—	·15	·12	15
16	·01	·12	·01	—	—	·12	—	—	—	—	·16	·06	16
17	·01	—	—	—	·18	·42	—	—	—	—	·06	·07	17
18	·01	·15	—	·12	·15	·03	—	·05	—	—	·05	~~·04~~ ·05	18
19	·01	·07	·01	·02	—	·12	·06	—	·61	·03	·23	·23	19
20	—	·08	—	·50	—	·02	·06	·48	·35	·04	—	·40	20
21	—	·57	·03	·05	—	·01	—	·04	—	·16	—	·16	21
22	~~·02~~ ·01	·09	·01	·06	—	·09	—	—	—	·38	—	·11	22
23	—	·05	·01	·10	·03	—	—	·02	·16	≠ ·06	—	·25	23
24	·03	·11	·02	·17	·01	1·06	—	·04	—	·25	—	·13	24
25	·01	·09	—	·20	—	·18	·03	—	·70	·38	—	·10	25
26	—	·04	—	·26	—	·08	·02	·14	—	·24	·11	·20	26
27	—	·14	—	·45	—	·01	·01	·41	·80	—	—	·17	27
28	—	·19	—	·30	—	·17	—	—	·13	—	—	·53	28
29	—		—	·33	—	·16	·06	—	·18	·38	·02	·12	29
30	—		—	·03	—	·24	·03	—	—	·16	·06	·02	30
31	—		—		·05		—	—		·17		·02	31
Total	·80	2·43	1·06	2·67	1·14	2·71	·36	3·23	4·71	2·42	2·62	4·67	TOTAL for year 28·82
No. of Rain Days.	19	17	18	18	10	14	9	12	13	13	20	31	194

W. 8,000, X. '11.

Exc Dl

REGISTER OF RAINFALL IN 1912

FORM A.
BRITISH RAINFALL.

18 FEB 19

Kept at Aughton Springs
in the County of Lancaster S |
by Cecil E. Maples J.P.

Lat. 53° 32½ Long. 2° 55⅙ West.
Time of Observation 9 a.m.
Nearest Railway Station Town Green
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level 137.6 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.01	.03	.07	.01	—	.02	.03	.08	.33	—	—	.42	1
2	.02	.03	.14	.01	.02	.10	.09	—	.07	—	—	.10	2
3	.30	—	.02	.01	—	.01	.01	.29	.30	—	—	.03	3
4	.40	—	.48	.02	.01	.46	—	.30	.07	—	.61	—	4
5	.26	.02	—	—	.25	.04	—	.03	.02	—	.01	.01	5
6	.51	.15	.02	—	.02	—	—	.10	.01	—	—	.02	6
7	—	.16	.02	—	.08	.01	.20	.06	.07	—	—	—	7
8	.47	.05	.02	.01	.01	.24	—	.01	.25	—	—	.01	8
9	.12	.06	.54	.30	—	.42	—	—	—	—	.08	.06	9
10	.14	.06	.01	.01	—	.10	.02	.03	—	—	.16	—	10
11	.01	.02	.01	.02	.10	—	.03	.13	—	—	—	.35	11
12	.07	.08	.40	—	—	.06	.08	—	—	—	—	.03	12
13	.05	.01	.01	—	.02	—	.01	.18	.01	.36	—	—	13
14	.21	.09	.52	—	.03	.16	—	.27	.02	—	—	.12	14
15	.07	.18	.23	—	.15	.15	—	.02	—	—	—	.20	15
16	.57	.02	.12	—	.02	—	—	.14	—	.28	.03	.03	16
17	1.05	.30	.13	—	.01	.72	—	.51	—	—	.20	.27	17
18	.16	.02	.03	—	—	.06	—	.11	—	.36	.09	.15	18
19	—	.02	.49	—	—	.01	—	.28	—	.09	—	—	19
20	.08	.01	.02	—	.22	—	.11	.33	—	.26	—	.03	20
21	—	.05	.20	—	.30	—	.08	.05	—	.37	.03	.07	21
22	.02	.20	.12	—	.50	.02	.08	.69	—	—	—	.01	22
23	—	.01	.15	—	.01	.21	.23	.94	—	.28	.32	.04	23
24	.03	—	.10	—	—	.16	.01	.02	—	—	.11	.17	24
25	—	—	.17	—	—	.08	—	—	—	—	.40	.18	25
26	—	.02	.13	—	—	.02	.41	.29	—	1.50	—	.09	26
27	—	.09	.25	—	—	.42	.34	—	—	.22	.11	.04	27
28	—	.07	—	—	—	.29	.29	.26	.02	.23	.24	—	28
29	—	.02	.05	—	—	.01	.42	.17	.21	.08	—	.01	29
30	—		.28	—	.32	.05	.06	.01	—	.03	—	—	30
31	—		.06		.12		1.25	.22		—		.05	31
Total	4.55	1.77	4.79	.39	2.19	3.82	3.75	5.52	1.38	4.06	2.39	2.49	YEAR'S TOTAL 37.10
Rain Days.	20	25	29	8	18	24	19	26	12	12	13	24	230

W. 7,500, XI. ·12

Dl /

426

FORM A2.
BRITISH RAINFALL.

26 JAN 1912

REGIS

LANCASHIRE

ORMSKIRK -BICKERSTAFFE P. STN.

1911 - 1920

Kept at ORMSKIRK Bickerstaffe

in the County of Lanc

by S. R. Raffety

5 in.

round 1 ft. 2 in.

ea Level 128 ft.

ame

istance Direction

IMPORTANT NOTE.—I the result entered to the previous day. If an Observe rsal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·09		·15		·04	·07			·31	·07	1
2					·12			·03		·15		·03	2
3					·39		·04		·05		·20	·10	3
4			·05	·04	·01		·03	·53	·12		·27	·11	4
5	·30		·11					1·30			·02	·03	5
6	·11			·04				·57		·01	·36	·07	6
7	·01			·01							·10	·01	7
8	·13		·23								·03	·65	8
9											·01	·10	9
10	·06	·05	·16						·18			·28	10
11	·02								·01		·30	·09	11
12		·01	·20						1·34		·29		12
13		·05									·06	·17	13
14	·06	·52									·06	·21	14
15		·16		·02							·15	·07	15
16	·01	·14				·09					·12	·06	16
17					·09	·70					·03	·07	17
18		·15		·12		·04		·03			·03	·08	18
19		·06		·06		·60	·05		·30	·15	·22	·18	19
20		·12		·39		·02	·06	·41	·34	·03		·38	20
21		·45	·03	·02		·02		·06		·07		·08	21
22				·01		·01				·43		·09	22
23		·11		·015	·04	·07			·17	·03		·25	23
24	·02	·10	·03	·15		1·12	·01	·06		·40		·10	24
25		·09		·40		·20	·02	·04	·68	·21		·17	25
26		·04		·29		·09	·03	·12		·26	·07	·39	26
27		·16		·32				·44	·96			·17	27
28		·20		·37		·15			·07			·31	28
29				·35		·13	·09		·21	·35		·10	29
30				·005		·31	·13			·18	·04		30
31			·08		·01		·04			·11			31
Total	·72	2·41	·98	2·61	·81	3·55	·54	3·66	4·43	2·38	2·67	4·42	TOTAL for year 29·18
No. of Rain Days	9	16	9	17 ~~16~~	7	14	11	12	12	13	19	28	168

9,000, IX. '10

426

FORM A2. BRITISH RAINFALL.

26 JAN 1912

REGISTER OF RAINFALL IN 1911

Kept at ORMSKIRK Bickerstaffe P. S.

in the County of Lancashire S1

by S. R. Raffety

RAIN GAUGE
Pattern
Diameter of top 5 in.
Height of top above Ground 1 ft. 2 in.
" " " Sea Level 128 ft.

Time of Observation

Nearest Railway Station
Name
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·09		·15		·04	·07			·31	·07	1
2					·12			·03		·15		·03	2
3					·39		·04		·05		·20	·10	3
4			·05	·04	·01		·03	·53	·12		·27	·11	4
5	·30		·11					1·30			·02	·03	5
6	·11			·04				·57		·01	·36	·07	6
7	·01			·01							·10	·01	7
8	·13		·23								·03	·65	8
9											·01	·10	9
10	·06	·05	·16						·18			·28	10
11	·02								·01		·30	·09	11
12		·01	·20						1·34		·29		12
13		·05									·06	·17	13
14	·06	·52									·06	·21	14
15		·16		·02							·15	·07	15
16	·01	·14				·09					·12	·06	16
17					·09	·70					·03	·07	17
18		·15		·12		·04		·03			·03	·08	18
19		·06		·06		·60	·05		·30	·15	·22	·18	19
20		·12		·39		·02	·06	·41	·34	·03		·38	20
21		·45	·03	·02		·02		·06		·07		·08	21
22				·01		·01				·43		·09	22
23		·11		·015	·04	·07			·17	·03		·25	23
24	·02	·10	·03	·15		1·12	·01	·06		·40		·10	24
25		·09		·40		·20	·02	·04	·68	·21		·17	25
26		·04		·29		·09	·03	·12		·26	·07	·39	26
27		·16		·32				·44	·96			·17	27
28		·20		·37		·15			·07			·31	28
29				·35		·13	·09		·21	·35		·10	29
30				·005		·31	·13			·18	·04		30
31			·08		·01		·04			·11			31
Total	·72	2·41	·98	2·61	·81	3·55	·54	3·66	4·43	2·38	2·67	4·42	TOTAL for year 29·18
No. of Rain Days	9	16	9	17 ~~16~~	7	14	11	12	12	13	19	28	~~168~~ 167

9,000, IX. '10

82

Ex J.C.

FORM 2.

414
2807

BRITISH RAINFALL.
25 JAN 1913

REGISTER OF RAINFALL IN 1912

ORMSKIRK

Kept at Bickerstaffe Pumping Station

in the County of S. Lancashire BS

by S. R. Raffety

RAIN GAUGE
Pattern
Diameter of top .... in.
Height of top above Ground .... ft. .... in.
" " " Sea Level .... ft.

Time of Observation

Nearest Railway Station
Name
Distance .... Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		·01	·06			·03	·04	·06	·30			·41	1
2			·20	·02	·02	·10	·11		·08			·07	2
3	·28		·01			·08		·30	·27			·06	3
4	·37		·49	·01	·03	·43		·35	·02		·68		4
5	·17				·27	·05		·04	·02		·02	·02	5
6	·60	·12			·03			·18				·01	6
7		·03			·05		·17	·08	·07			·04	7
8	·30	·21	·03			·33		·02	·28				8
9	·10	·05	·52	·34		·39					·08	·09	9
10	·14					·24	·02	·06			·18	·02	10
11					·09		·03	·04				·47	11
12	·10	·05	·40			·13	·04					·03	12
13	·04							·19		·34		·17	13
14	·17		·58			·10		·30	·02	·03		·08	14
15	·03	·24	·19		·29	·18		·02			·01	·07	15
16	·60		·10		·01			·13		·26	·02	·09	16
17	·40	·28	·26			·65		·59		·01	·12	·22	17
18	·09	·01	·04			·04		·14		·34	·09	·10	18
19			·48				·01	·25		·06	·01	·02	19
20	·05		·20		·16		·15	·54		·23	·02	·03	20
21		·06	·10		·27		·10	·05		·36	·02	·07	21
22		·15			·50	·02	·09	·65				·03	22
23			·26			·30	·26	·95		·10	·28	·03	23
24	·02		·09			·14	·04	·03		·03	·09	·20	24
25		·01	·12			·08					·35	·18	25
26		·10	·20			·03	·44	·29		1·45	·13	·12	26
27			·25			·51	·40			·32	·10	·03	27
28		·10				·14	·55	·27	·04	·28	·26		28
29			·01			·01	·42	·14	·25	·09		·02	29
30			·22		·28	·07	·06		·01	·03	·13	·01	30
31			·11		·17		1·36	·24				·05	31
Total	3·46	1·42	4·92	·37	2·17	4·05	4·28	5·91	1·36	3·93	2·59	2·74	TOTAL for year 37·20
No. of Rain Days.	16	14	23	13	13	22	18	25	11	15	18	28	206

W. 8,000, X. '11.

REGISTER OF RAINFALL IN 1913

FORM A.
BRITISH RAINFALL.

2807

12 JUN 1914

Kept at Ormskirk Bickerstaffe Pumping Station

in the County of Lancaster [illegible]

by G.A. Abbott

Lat. Long.

Time of Observation 9 am.

Nearest Railway Station Town Green

Diameter of Rain Gauge in.

Height of top of Gauge above Ground — ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·01	·06	·05	·04	—	—	—	—	—	—	·08	·05	1
2	—	·12	·13	·06	—	·05	·01	—	—	—	·05	·04	2
3	—	—	·30	—	·70	—	—	—	—	—	·02	·40	3
4	·30	·07	·03	—	·03	—	·04	—	—	·08	·03	·45	4
5	·32	·07	—	—	·06	·20	·12	—	—	·05	·12	·03	5
6	·02	·12	·17	—	·38	·18	1·00	—	—	·04	·11	·08	6
7	—	·09	·01	—	·17	·40	·04	—	—	·37	·20	·06	7
8	—	·13	·09	—	·05	·05	·02	·08	·03	·07	·02	·03	8
9	—	·21	·07	·11	·15	·50	·10	·15	—	—	·10	·30	9
10	—	·01	·09	·17	·06	—	·05	—	·04	·07	·17	·03	10
11	·38	—	·03	·23	·01	·08	·01	—	—	·10	·20	·04	11
12	·31	—	—	—	·03	·01	·04	—	·21	—	·55	·02	12
13	—	—	·36	—	—	—	·08	·08	·10	·06	·35	—	13
14	·10	—	·16	·14	·01	—	·02	·10	·01	·40	·32	—	14
15	·01	—	·17	·37	—	—	—	—	·01	·04	·05	·05	15
16	—	—	·09	·02	—	—	—	—	—	—	·25	—	16
17	—	—	·03	·12	·05	—	·10	—	·04	—	·20	—	17
18	·02	—	·24	·15	—	·01	·11	—	—	—	·10	—	18
19	·09	—	·02	·02	·05	·23	—	—	·05	·22	·03	—	19
20	·13	—	·06	·04	·03	·02	·05	—	—	·20	·63	—	20
21	—	—	·04	—	·16	—	·04	·27	—	·02	·07	—	21
22	·52	—	·54	—	·02	·25	—	·80	·35	—	·01	—	22
23	·13	—	·03	—	·25	·10	—	·64	·22	—	·20	—	23
24	·18	·02	—	·06	—	·12	—	—	—	—	·06	·03	24
25	—	—	—	·03	—	—	—	—	·30	·09	·03	·08	25
26	—	·03	—	·90	—	·01	—	—	·45	·01	—	·38	26
27	—	·01	—	·20	—	—	—	—	—	·25	·05	·20	27
28	·20	—	·10	·36	·03	—	—	—	—	·23	·02	·03	28
29	—		·17	·33	·11	—	—	·10	—	·05	·06	—	29
30	·28		·01	—	—	—	—	—	—	·15	·16	—	30
31	·01		·18		·20		—	—	—	—		—	31
Total	3·01	·94	3·17	3·35	2·55	2·21	1·83	2·22	1·81	2·50	4·24	2·30	YEAR'S TOTAL 30·13
Rain Days.	17	12	25	18	20	15	16	8	12	19	29	18	209

W.7,000, XI. 13

Ex DL

2807

FORM A.
BRITISH RAINFALL
9 - JAN 1915

REGISTER OF RAINFALL IN 1914

Kept at ORMSKIRK Bickerstaffe Pumping Station

in the County of Lancaster S 1

by GAAbbott

Lat. ______ Long. ______

Time of Observation 9 a.m.

Nearest Railway Station Town Green

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 2 in.

" " " " Sea Level 128 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ______

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			·10				·36	·53				·20	1
2	·02				·03		·65	·23		·04	·15	·38	2
3	·03		·05		·25	·06	·02	·21			·01	·68	3
4	·18		·06	·30	·15	·03	·10				·25	·20	4
5	·13		·40	·08	·05	·05	·08	·02			·20	·10	5
6				·13	·15		·02	·10			·10	·02	6
7	·06	·04	·22	·03	·40		·08	·18			·02	·15	7
8	·60		·15		·13	·15	·17	·32	·13			·07	8
9	·38	·02	·05	·08	·06	·28		·12	·25		·10		9
10	·05	·06	·30	·03	·04	·06			·23		·04		10
11		·11	·20		·03	·10			·24		·35	·35	11
12		·28	·10		·06	·04	·33		·72		·15	·06	12
13		·17		·03	·04		·05		·11	·55	·25	·10	13
14		·04	·06						·02	·01	·22	·20	14
15		·03	·30				·02		·07		·15	·05	15
16		·02	·06				1·36		·92				16
17	·02	·31	·22				·24		·86			·75	17
18			·05			·10			·12			·06	18
19			·03				·21		·20			·29	19
20			·13			·25						·11	20
21		·32			·12	·21				·07		·22	21
22		·11			·25	·27	·02	·11					22
23			·10	·03			·20				·10		23
24	·02		·35	·03		·01	·30	·10			·22		24
25	·05						·10	·30		·85	·18	·40	25
26			·02				·06	·01		·28	·22	·22	26
27	·11				·10					·90	·25	·68	27
28	·08	·21	·25		·10	·02				·30	·10	·13	28
29	·11		·03					·03			·09	·15	29
30	·02		·03					·09			·21	·07	30
31	·12		·11				·50			·10			31
Total	1·98	1·72	3·37	·74	1·96	1·63	4·87	2·35	3·87	3·10	3·36	5·64	YEAR'S TOTAL 34·59
Rain Days.	16	13	24	9	16	14	20	14	12	9	21	24	192

W. 8,000. X. 14.

2998

FORM A.
BRITISH RAINFALL.

17 JAN 1916

REGISTER OF RAINFALL IN 1915

Kept at Bickerstaffe Pumping Station

in the County of Lancaster S

by G. H. Abbott

Lat. .... Long. ....
Time of Observation 9 am.
Nearest Railway Station Town Green, Aughton
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 2 in.
" " " " Sea Level 128 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.10	.22	.04	~~2~~	.26	~~.04~~	.14		.03			.06	1
2	.02	.44	.26	.34		.14	.07	.30		.02		.02	2
3	.46	.03	.04	.30		~~.07~~	.42		.03			.41	3
4	.07	.27			.25	.09						.80	4
5	.10	.17	.15			.08		.04				67	5
6	.15	.03		.24			.50	.02				.29	6
7	.43	.30		.01			.30	.31				.03	7
8	.16	.03		.15			.07	.23			.57		8
9		.04		.16				.02			.37	.45	9
10	.57		.12	.10				.30			.08	.07	10
11	.09			~~.07~~	.27			.06			.28	.10	11
12	.31			.04	.13			.39		.25	.55	.03	12
13	.06	.08		.06				.04			.14	.04	13
14	.06			.06	.05			.25	.14		.10	.09	14
15	.63	.06									.24	.24	15
16		.20			.16		.60	1.06					16
17		.12						.06				.07	17
18	.01	.22	.07										18
19	.01	.08	.09	.05	.09		.17						19
20	.22	.09	.08	.02	.06			.05				.25	20
21	.13			.19			.29					.25	21
22		.14				.22	.07	.02		.04		.07	22
23			.03	.01		.04			.02	.57		.18	23
24		.10	.04	.02					.25	.20		.27	24
25			.11			.68			.19			.29	25
26			~~.10~~			.04	.65		.15			.27	26
27							.31			.31		.28	27
28					.07	.26		.56		.28		.02	28
29					.07						.07	.11	29
30	.11	X		.17				.05		.07	.06		30
31	.07	X		X		X	.04	.36	X	.03	X	.35	31
Total	3.94	2.62	1.03	1.95	1.29	1.58	3.51	4.12	.81	1.71	2.40	5.41	YEAR'S TOTAL 30.67
Rain Days.	20	18	11	16	10	8	13	18	7	9	10	26	166.

W. 8,000. X. 15.

2911

FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1916

Kept at Bickerstaffe Pumping Stn.
in the County of Lancaster
by E. Abbott

Lat. Long.
Time of Observation 9 am
Nearest Railway Station Town Green & Aughton
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 2 in.
" " " " Sea Level 128 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.11	.03	.22			.09	.32				.09		1
2	.26	.20	.14			.02	.03		.65	.35	.05		2
3		.03		.09		.94	.83		.40	.26	.05	.03	3
4	.06	.09			.45				.04	.24	.35		4
5	.04	.23			.07	.22				.45			5
6	.60	.30			.30	.07	.18		.03	.13	.21	.04	6
7					.07		.25			.11	.18	.53	7
8	.05	.10	.02			.09					.19	.08	8
9	.05	.04			.16	.14			.62		.06	.14	9
10		.33		.11			.06			.07	.02		10
11	.02	.25		.70	.03		.02		.09				11
12	.03	.05	.04	.03	.44		.29	.08		.15			12
13		.06	.06	.02	.26			.54		1.52			13
14		.09		.14				.25	.04	.09			14
15		.28	.24	.09	.02			1.38	.06	.30			15
16	.06	.05	.03	.28			.26			.08			16
17	.14	.15		.20			.07	.26	.63	.16		.04	17
18	.04	.13		.25				.88	.17	.19	.42	.12 snow	18
19	.10		.16	.10				.19					19
20	.13		.24	.09							.05	.02	20
21	.06				.12						.09		21
22						.14				.16		.09	22
23	.02		.09	.08				.09		.04	.20	.37	23
24					.03			.10		.08		.08	24
25		.14	.12		.06	.03		.14	.07	.06	.27	.09	25
26	.04	~~[illegible]~~	.09		.23	.08				.07			26
27		.06				.08		.06	.08	.33		.02	27
28		.06			.02					.69	.02	.16	28
29		.15				.18				.16		.41	29
30						.11	.03			.19	.02		30
31								.22		.08		.04	31
Total	1.81	2.82	1.51	2.18	2.26	2.16	2.28	4.19	2.88	5.96	2.57	2.26	YEAR'S TOTAL 32.88
Rain Days.	17	21	12	13	15	14	11	12	12	25	18	16	186

W. 8,000, VIII. 16

2753

FORM A.
BRITISH RAINFALL.
16. JAN 1918

REGISTER OF RAINFALL IN 1917

Kept at Bickerstaffe Pumping Station
in the County of Lancaster
by G.A. Abbott

Lat. .... Long. ....
Time of Observation 9 am.
Nearest Railway Station Town Green
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 2 in.
" " " " Sea Level 128 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1			.07	.07s		.08		.06	.33		.22	.20	1
2	.20			.59s		.32		.04		.13	.03		2
3		.19s								.64	.05	.06	3
4	.04							.24		.61		.07	4
5	.21		.07s	.06						.26	.31	.10	5
6	.66					.36				.64	.24	.06	6
7						.07					.22	.05	7
8	.06			.25		.24		.53		.49	.23	.28	8
9			.03s					.16		.30	.34		9
10	.40		.56	.09	.12			.16		.02	.04		10
11	.06	.03s			.02			.10	.04	.62		.07	11
12	.07		.01	.08	.57				.02	.52		.01	12
13				.05		.06		.09	.32	.13	.10	.23	13
14	.07				.40			.26				.09	14
15	.03s			.07			.17		.13	.10		.52	15
16		.04		.19		.02	.01	.42		.07	.05		16
17	.07		.14	.41	.10		.16	1.16	.05	.36			17
18				.06	.07		.50	.15	.30				18
19		.33	.33s		.52	.09					.04		19
20		.31			.07	.30		.08	.12		.53		20
21		.03	.15s		.26	.02		.52	.02	.02	.03		21
22								.22	.10	.28	.09	.08	22
23		.15			.08	.23	.31	.12		.20			23
24			.10				.09	.05		.42	.20	.03	24
25		.11						.85	.04	.13			25
26									.35	.21	.72		26
27			.05	.01	.49	.09	.33	.40		.59	.07		27
28			.21					.17	.07				28
29			.06				.07			.36			29
30			.15					.28		.02	.07		30
31			.47s		.04			.27				.01	31
Total	1.69	1.19	2.34	1.93	2.44	1.82	1.64	6.33	1.83	4.06	3.52	1.74	YEAR'S TOTAL 33.83.
Rain Days.	12	8	16	12	12	14	8	25	15	26	22	18	188

W. 8,000, IX. 17. S denotes snow

5

REGISTER OF RAINFALL IN 19*18*

FORM A.
BRITISH RAINFALL.

21 1 19

Kept at *Bickerstaffe Pumping Station*

in the County of *Lancaster*

by *G.H. Abbott* *S = Snow*

Lat. ……… Long. ———

Time of Observation *9 am*

Nearest Railway Station *Town Green*

Diameter of Funnel of Rain Gauge *5* in.

Height of top of Gauge above Ground *1* ft. *2* in.

" " " " Sea Level *128* ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ——

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		.10							.47	.06	.30	.18	1
2				.03				.05	.02			.63	2
3		.06			.42				.03	.23	.03	.02	3
4	.02	.04							.24	.22	.15	.08	4
5				.08	.25			.58	.18		.12	.01	5
6	.09	.54				.35		.02		.65			6
7	.03 s	.09		.23	.05			.04	.92		.07		7
8	.04 s	.06					.26			.15	.08	.07	8
9	.19 s			.05		.62	.04		.64	.46	.31	.04	9
10	.03	.42	.02	.07			.11		.26	.08		.14	10
11	.11	.16	.03	.01	.24		.12	.05	.38			.13	11
12		.29		.03					.09				12
13	.52 s	.02		.04	.09				.34	.27			13
14						.13	.20						14
15	.26 s						.27		1.40	.20		.96	15
16						.08	.42	.05	.24			.18	16
17	.14				.03	.07	.38	.02	.03	.13		.25	17
18	.19	.07	.12			.18	.15		.28			.48	18
19		.05	.18	.06			.19	.04	.10	.06		.56	19
20	.07	.65			.04	.10	.81		.52			.09	20
21	.15	.14		.17	.09	.10	.05						21
22	.06				.92	.13	.27		.66			.56	22
23	.09				.34		.28		.13			.16	23
24		.04							.17	.03	.14	.09	24
25					.09	.06	.30	.49	.23		.02		25
26		.07					.03	.04	.40	.08	.12	.09	26
27		.04	.21			.12		.45	.47		.20	.61	27
28		.02	.09								.47		28
29			—						.21			1.04	29
30		X	.55					.15	.07		.19	.23	30
31		X		X		X			X	.05	X	.02	31
Total	2.02	2.83	1.20	.44	2.62	1.88	3.88	2.28	~~8.40~~ 8.45	2.64	2.20	~~4.02~~ 6.62	YEAR'S TOTAL 37.42 ~~34.86~~
Rain Days.	19	20	8	12	13	13	16	14	30	18	15	24	205

2614

30 JAN 20

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Bickerstaffe Pumping Station
in the County of Lancashire
by G. H. Abbott, Engineer

Lat. Long.
Time of Observation
Nearest Railway Station Town Green L & Y Ry
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 2 in.
" " " " Sea Level 128 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·22.				·25		·23	·01	·46	·34.		·02	1
2	·16.		·44s		·03		·28		·22			·04	2
3	·09s		·35s		·05	·18	·11					·02	3
4						·06	·14	·28	·01		·01	·11	4
5	·26s				·11				·01	·01.	·02	·22	5
6	·08		·34		·08		·01			·01			6
7	·02.		·20						·06		·04	·18.	7
8	·12												8
9	·30		·09			·09							9
10	·01		·21.	·24						·06		·09	10
11	·01.		1·32	·12	·02		·29					·04	11
12			·31			·44					·16s	·01	12
13	·34.	·03		·13.			·09			·89			13
14	·32			·09				·03				·09	14
15	·24		·01.	·18								·36	15
16	·12	·14				·03	·03				·30	·01	16
17	·04	·01.		·06		·26		·65			·42	·02	17
18			·44s					·48	·24		·04	·15	18
19	·02.	·34	1·13			·25	·14	·13	·15		·16	·23	19
20	·23	·11	·08			·05		·01.			·40		20
21	·05	·29					·29		·16		·05	·55	21
22		·09.				·06		·03	·34	·02		1·12	22
23						·04				1·05	·04.	·04	23
24				·02.				·08	·16	·22	·14		24
25				·08	·46	·04		·63	·13		·14.	·40	25
26	·19.		·32.			·13		·62	·11			·41	26
27	·22.s	·03 s	·01	·32s		·01		·02	·10		·02		27
28				·01		·01.		1·05				·33	28
29	·05		·20s	·05				·06	·01.	·13		·26	29
30		✕		·18		·24.				·01.	·08.	·24	30
31	·01.	✕	·08.	✕		✕	·20	·01.	✕		✕	·06	31
Total	3·16	1·10	5·53	1·48	1·00	1·95	1·84	4·09 ~~[illegible]~~	2·19	2·74	2·05	5·06	Year's Total ~~31·93~~ 32·22
Days with ·01 in. or more	25	9	19	15	9	14	13	14	16	14	15	29	(198)

2500

MAR 1921

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at ~~Springfield~~ Bickerstaffe Pumping Station
in the County of Lancaster
by G H Abbot

Lat. Long.
Time of Observation 9 am
Nearest Railway Station Town Green
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground ~~—~~ 1 ft. ~~11~~ 2 in.
" " " Sea Level ~~70 5~~ 128 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.09		.13	.08	.36		.47	.35	.14	.06	.02	.16	1
2	.01			.07			.07		.38	.06		.12	2
3	.03	.09	.02	.18	.06	.05	.63	.10	.18			.04	3
4					.03			1.02	.38	.13		.01	4
5			.03		.42		.10	.32		.21			5
6			.63 S	.17	.18		.01	.01		.09		.02	6
7		.14		.06			.46				.01		7
8	.05			.32	.08		.42	.10	.01				8
9	.40	.45	.06	.40			.26	.22	.04			.02	9
10	.71	.34	.03	.09			.19					.03	10
11		.10	.05		.37	.74		.05			.05	.03	11
12	.17	.03	.10	.58		.62	.20	.01	.03		.20	.03 S	12
13	.08	.06	.22	.02							.59	.02 S	13
14		.29		.18		.44	.09		.50	.35			14
15				.21	.25						.04		15
16			.05	.07		.27	.52	.14	.12		.03		16
17	.20		.03	.04	.20	.02	.02		.28				17
18					.21			.01					18
19		.71		.05	.38	.20	.01	.09	.27		.01		19
20	.21			.45			.04					.03	20
21				.06			.46	.15	.46	.02		.15	21
22	.17			.27		.02	.29		.02				22
23			.14	.10			.48	.09				.38	23
24	.04		.60	.17			1.06	.02			.01	.26	24
25		.12	.06			.03							25
26	.16	.04	.57	.27	.30	.48	.09				.01		26
27	.06	.01	.34	.21	.41		.07				.11		27
28	.57	.02		.08	.07		.12					.34	28
29	.15		.28	.22	1.22	.02	.33				.33	.54	29
30	.19		.08	.07		.13		.09	.54		.04	.20	30
31	.24		.05		.17					.27		.01	31
Total	3.53	2.40	3.47	4.42	4.41	3.02	6.39	2.77	3.35	1.19	1.45	2.39	**Year's Total** 39.09
Days with ·01 in. or more	21	15	22	29	19	15	27	18	14	9	15	22	(229)
Days with ·04 in. or more													

S = Snow

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

LANCASHIRE

ORMSKIRK – SPRINGFIELD P. STN

1913 – 1920

REGIST

FORM A. BRITISH RAINFALL.

12 JUN 1914

Kept at Springfield Pu... am. Town Green

in the County of Lanca... 5 in.

by G.A. Abbott ...ove Ground — ft. 11 in.

Sea Level 70·45 ft.

IMPORTANT NOTE.— ...d the result entered to the previous day. If an Observe... ...iversal rule, he is earnestly requested to add the reading ...ear in the space provided for it at the end of this pa... ...ement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

—

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		·04	·05	·03				~~·05~~			·09	·02	1
2	·01	·12	·13			·07					·05	·04	2
3			·35		·75						·01	·40	3
4	·26	·03	·02	·06	·08		·04			·09	·03	·59	4
5	·28	·07			·07	·15	·03			·05	·06	·01	5
6	·03	·13	·17	·04	·32	·22	1·00			·05	·14	·06	6
7		·03	·02		·16	·44	·02			·39	·18	·05	7
8		·21	·08		·06		·02	·05	·02	·02	·02	·01	8
9		·21	·09	·13	·15	·55	·19	·09			·07	·30	9
10	·03	·01	·08	·15	·04		·02		·03	·06	·08	·02	10
11	·30		·03	·26	·04	·08	·02			·10	·20	·04	11
12	·46				·02	·03	·04			·09	·59	·01	12
13			·35				·04		·08		·33		13
14	·29	·01	·14	·16			·01		·07	·39	·32	·07	14
15			·20	·47						·06	·08		15
16			·04	·21							·12		16
17			·04		·08		·12		·05		·23		17
18	·04		·26	·12			·12		·02		·05		18
19	·09		·12	·02	·10	·24	·01		·07	·26	·05		19
20	·17		·01	·05	·01	·02	·04			·18	·65		20
21			·12		·11		·05	} 1·10		·02	·10		21
22	·57		·60		·02	·25			·31				22
23	·21		·03		·27	·08		·39	·19		·16	·02	23
24	·20	·03		·10		·09					·04	·03	24
25				·03					·32	·05	·02	·09	25
26		·04		·81					·59	·23		·39	26
27				·22							·03	·22	27
28	·21		·09	·25	·01						·01	·02	28
29			·18	·36	·10			·11		·26	·03		29
30	·30									·13	·16		30
31	·02		·18		·22								31
Total	3·47	·93	3·38	3·47	2·61	2·22	1·77	1·74	1·75	2·43	3·90	2·39	YEAR'S TOTAL 30·06
Rain Days.	17	12	24	18	19	12	16	6	11	17	28	19	~~30·06~~ 199

W.7,000, XI. 13

REGISTER OF RAINFALL IN 1913

FORM A. BRITISH RAINFALL.
12 JUN 1914

Kept at Springfield Pumping Station
in the County of Lancaster [illegible]
by G. A. Abbott

Lat. Long.
Time of Observation 9 am.
Nearest Railway Station Town Green
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground — ft. 11 in.
" " " " Sea Level 70·45 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		·04	·05	·03				~~·05~~			·09	·02	1
2	·01	·12	·13			·07					·05	·04	2
3			·35		·75						·01	·40	3
4	·26	·03	·02	·06	·08		·04			·09	·03	·59	4
5	·28	·07			·07	·15	·03			·05	·06	·01	5
6	·03	·13	·17	·04	·32	·22	1·00			·05	·14	·06	6
7		·03	·02		·16	·44	·02			·39	·18	·05	7
8		·21	·08		·06		·02	·05	·02	·02	·02	·01	8
9		·21	·09	·13	·15	·55	·19	·09			·07	·30	9
10	·03	·01	·08	·15	·04		·02		·03	·06	·08	·02	10
11	·30		·03	·26	·04	·08	·02			·10	·20	·04	11
12	·46				·02	·03	·04			·09	·59	·01	12
13			·35				·04		·08		·33		13
14	·29	·01	·14	·16			·01		·07	·39	·32	·07	14
15			·20	·47						·06	·08		15
16			·04	·21							·12		16
17			·04		·08		·12		·05		·23		17
18	·04		·26	·12			·12		·02		·05		18
19	·09		·12	·02	·10	·24	·01		·07	·26	·05		19
20	·17		·01	·05	·01	·02	·04			·18	·65		20
21			·12		·11		·05	1·10		·02	·10		21
22	·57		·60		·02	·25			·31				22
23	·21		·03		·27	·08		·39	·19		·16	·02	23
24	·20	·03		·10		·09					·04	·03	24
25				·03					·32	·05	·02	·09	25
26		·04		·81					·59	·23		·39	26
27				·22							·03	·22	27
28	·21		·09	·25	·01						·01	·02	28
29			·18	·36	·10			·11		·26	·03		29
30	·30									·13	·16		30
31	·02		·18		·22								31
Total	3·47	·93	3·38	3·47	2·61	2·22	1·77	1·74	1·75	2·43	3·90	2·39	YEAR'S TOTAL 30·06
Rain Days.	17	12	24	18	19	12	16	6	11	17	28	19	~~30·06~~ 199

W.7,000, XI. 13

Ex DL

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
9 - JAN 1915

Kept at ORMSKIRK Springfield Pumping Station

in the County of Lancaster S 1

by GHAbbott

Lat. .... Long. ....

Time of Observation 9 am.

Nearest Railway Station Town Green

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground — ft. 11 in.

" " " " Sea Level 70.45 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1			·08			·08	·72	·32				·22	1
2					·03		·54	·22		·03	·13	·53	2
3	·04		·04		·25		·07	·10				·90	3
4	·18		·06	·28	·10	·05	·09				·29	·39	4
5	·16		·40	·08	·05	·07	·08				·10	·11	5
6		·07	·11	·15	·16	·05	·04	·16			·05	·02	6
7	·08	·02	·21		·34	·03	·07	·18			·07	·17	7
8	·54		·03			·11	·31	·34	·13	·02		·08	8
9	·34	·14	·11	·09	·15	·30		·10	·11		·10		9
10	·03	·08	·03		·08	·12			·28		·07		10
11		·11	·27		·05	·17			·24			·29	11
12		·28	·17		·09	·02	·33		·63		·15	·04	12
13		·18	·09	·04	·03		·02		·13	·37	·22	·12	13
14		·04	·05						·07		·25	·20	14
15		·03	·30						·10		·16	·04	15
16		·07	·06				1·45		·87			·07	16
17	·02	·35	·21				·21		1·00			·48	17
18			·09						·10	·02		·05	18
19			·07				·16		·18			·25	19
20		·18	·20			·25						·13	20
21		·15				·21		·02		·07		·19	21
22		·11			·16	·28	·03	·08					22
23		·02	·08		·23	·07	·18				·08		23
24	·03		·40	·07			·28	·09			·25		24
25	·06						·12	·30		·78	·11	·41	25
26			·02				·04			·28	·27	·19	26
27	·10				#					·43	·27	·68	27
28	·08	·16	·20		·11	·02			·03	·05	·10	·13	28
29	·10		·02		·09			·02			·04	·15	29
30		X	·02					·08			·25	·08	30
31	·12	X	·10	X	·02	X	·48		X	·09	X	·07	31
Total	1·88	1·87	3·42	·71	1·94	1·71	5.16	2·01	3·81	2·44	2·90	6·17	YEAR'S TOTAL 34·02
Rain Days.	14	16	26	6	16	15	19	13	13	10	19	26	193

W. 8,000. X. 14.

2999

FORM A.
BRITISH RAINFALL.
17. JAN 1916

REGISTER OF RAINFALL IN 1915

Kept at Springfield Pumping Station
in the County of Lancaster S
by G. H. Abbott

Lat. Long.
Time of Observation 9 am.
Nearest Railway Station Town Green, Aughton
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground — ft. 11 in.
" " " " Sea Level 70·45 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·14	·21			·24		·16	·06		·01		·09	1
2	·03	·49	·30	·28		·12	·07	·46		·01			2
3	·44	·02	·04	·34			·35		·05			·39	3
4	·01	·22			·21	·09	·02					·81	4
5	·09	·16	·18			·06		·04				·66	5
6	·13	·04	·05	·22			·50				·03	·28	6
7	·75	·27		·01			·33	·43				·04	7
8	·12	·04		·23				·24			·48		8
9	·01	·05		·14			·01	·01			·32	·53	9
10	·53		·14	·11			·01	·41			·05	·05	10
11	·12			·01	·23			·04			·24	·08	11
12	·33			·06	·11			·35		·22	·50		12
13	·03	·07		·09						·02	·19	·13	13
14	·05			·05				·17	·15		·14	·08	14
15	·71										·26	·27	15
16		·24			·25		·57	·76				·02	16
17		·15	·08					·05				·06	17
18	·01	·32	·08										18
19	·01	·02	·07	·03	·10		·18			·02			19
20	·23	·10			·02			·02				·22	20
21		·08		·26			·23					·24	21
22		·02	·03			·16	·02					·06	22
23		·08	·04	·02		·06			·03	·48		·23	23
24			·12	·02					·28	·18		·28	24
25						·64			·31			·32	25
26						·07	·74		·05			·30	26
27		} ·38					·44			·33		·31	27
28			·02		·02	·16		·57		·29		·01	28
29					·03						·08	·08	29
30	·12	╳		·18				·04		·06	·05		30
31	·06	╳		╳		╳	·03	·35	╳	·02	╳	·30	31
Total	3·92	2·96	1·15	2·05	1·21	1·36	3·60	4·00	·84	1·64	2·34	5·84	YEAR'S TOTAL 30·94
Rain Days.	20	20	12	16	9	8	15	16	6	11	11	25	169

W. 8,000. X. 15.

2912

REGISTER OF RAINFALL IN 1916

FORM A. BRITISH RAINFALL.

26

Kept at Springfield Pumping Stn

in the County of Lancaster

by G. H. Abbott

Lat. Long.

Time of Observation 9 am

Nearest Railway Station Town Green Aughton

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground ft. 11 in.

" " " " Sea Level 70·45 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·12	·06	·22			·11	·30				·08		1
2	·26	·18	·15				·06		·98 }	·38	·06		2
3				·15		1·01 }	·37			·25	·06	·06	3
4	·12	·07			·48					·21	·32 }		4
5	·05	·25			·13	·18				·42			5
6	·44	·30			·33	·02	·13		·04	·17	·23	·04	6
7		·07	·01		·05		·28			·13 }	·22	·50	7
8	·03	·11				·07					·21	·08	8
9	·08				·18	·11			·48		·06	·13 }	9
10		·37	·01	·12	·01		·06			·03	·01		10
11	·03	·24	·05 }	·66			·03		·08			·01	11
12		·05		·04	·56		·33	1·19 }		·14			12
13		·07	·10	·02	·03					1·67		·06	13
14	·07	·12		·18	·24			2·14 }	·03	·45 }			14
15		·29	·28	·13	·02		·04		·09				15
16	·05	·07		·31			·14		·61 }	·06			16
17	·13	·15		·25			·03	·14		·17			17
18	·07	·12		·29				1·29	·21	·18	·78 }	·14 Snow.	18
19	·09		·17	·10				·17					19
20	·13		·40	·09							·06	·01	20
21	·08				·13						·10		21
22						·18				·10		·09	22
23	·04		·10	·07				·09		·23 }	·25	·40 }	23
24		·05			·02			·12					24
25		·14	·08		·02	·05		·18	·09	·06	·36	·13	25
26			·15		·04	·24 }		·03 }		·08			26
27		·05							·11	·30		·01	27
28		·09			·03					1·03 }	·02	·17	28
29		·15				·18	·07					·43	29
30		X				·13	·07			·28 }			30
31		X		X		X		·23	X		X	·03	31
Total	1·67	2·94	1·72	2·41	2·27	2·31	1·79	5·61	2·72	6·34	2·82	2·29	YEAR'S TOTAL 34·89
Rain Days.	16	21	13	13	15	13	13	13	12	25	17	18	189

W. 8,000, VIII. 16

2764

REGISTER OF RAINFALL IN 1917

FORM A. BRITISH RAINFALL.

16 JAN 1918

Kept at Springfield Pumping Station

in the County of Lancaster

by G. A. Abbott

Lat. Long.

Time of Observation 9 a.m.

Nearest Railway Station Town Green

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground — ft. 11 in.

" " " " Sea Level 70·45 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1			·05	·05 s		·16		·06	·29		·22	·27	1
2	·20			·12 s		·38		·04		·10	·03		2
3		·15 s								·71	·03	·05	3
4	·03							·18		·41		·01	4
5	·21		·15 s	·05						·27	·30	·06	5
6	·65					·52				·68	·31	·07	6
7						·02					·15	·05	7
8	·05			·23		·04		·54		·50	·25	·30	8
9			·05 s	·26				·17		·32	·38		9
10	·41		·50		·11			·11		·03	·04		10
11	·05	·03 s			·03			·08	·02	·61		·01	11
12	·01		·02	·05	·55			·05	·03	·55			12
13									·34	·21	·09	·22	13
14	·01				·47			·23				·10	14
15	·04 s			·14			·31		·14	·10		·50	15
16		·05		·18		·07		·43			·05		16
17	·02	·01	·14	·41	·15		·15	1·56	·06	·27			17
18				·07	·08		·49	·15	·34				18
19		·33	·40 s		·42	·10					·03		19
20		·32			·09	·27		·04	·21		·55		20
21		·03	·18 s		·18			·07		·33	·04		21
22								·36	·09		·10	·04	22
23		·15			·14	·28	·23	·11		·19			23
24			·07				·09	·07		·40	·31	·03	24
25		·11						·85	·05	·15			25
26									·38	·17	·75		26
27			·03	·01	·55	·12	·21	·41		·64	·01		27
28			·20				—	·17	·01			·01	28
29			·04		—		·06	·01		·40	·01		29
30		X	·16					·36		·01	·07		30
31		X	·45 s	X	·06	X		·35	X		X		31
Total	1·68	1·18	2·44	1·57	2·83	1·96	1·54	6·40	1·96	7·05	3·72	1·72	YEAR'S TOTAL 34·05
Rain Days.	12	9	16	12	12	12	7	25	14	25	23	17	184

W. 8,000, IX. 17.

S Denotes Snow

6

FORM A.
BRITISH RAINFALL.

21 2 19

REGISTER OF RAINFALL IN 1918

Kept at Springfield Pumping Station
in the County of Lancaster
by G. A. Abbott   S = Snow

Lat. .... Long. ....
Time of Observation 9 am
Nearest Railway Station Town Green
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground — ft. 11 in.
" " " " Sea Level 40.45 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. —

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		·20							·41	·06	·30	·16	1
2				·03				·04	·04			·62	2
3									·02	·24	·03	·07	3
4	·01	·05							·30	·22	·18	·07	4
5		·07		·08	·28			·60	·11		·14	·07	5
6	·13	·62				·36		·03	·07	·64			6
7		·05		·24	·06			·06			·09		7
8		·04					·19		·93	·14	·08	·04	8
9	·27 S			·07		·57			·59	·49			9
10	·04	·41	·02	·06			·09		·17	·13	·34	·37	10
11	·15		·04	·02			·09	·09	·18				11
12		·48		·06	·26	·02	·03		·07			·07	12
13	·58 S			·05	·07	·07			·41				13
14					·07	·08	·21			·15			14
15	·25 S						·37		1·49	·11		·99	15
16						·09	·78	·10	·30			·20	16
17	·28				·03	~~[illegible]~~	·70		·03	·16		·27	17
18	·14	·03	·12			·20	·20		·25			·54	18
19		·06	·18	·07			·26		·15	·07		·61	19
20	·08	·70			·04	·08	·59		·48			·21	20
21		·13		·18	·11	·09	·15		·54				21
22	·24				·87		·35		·13			·60	22
23	·11				·27	·13			·07			·17	23
24	·07	·09					·39		·14	·03	·14	·09	24
25					·09	·11	·10	·48	·28				25
26							·14	·05	·37		·12	·10	26
27		·14	·24			·12		·47	·35	·09	·22	·62	27
28		·02	·11								·44	·85	28
29			·07						·16			·08	29
30		X						·17	·04		·18	·19	30
31		X	·56	X		X			X	·04	X	·03	31
Total	2.29	3.03	1.28	·91	2.09	1.80	4.64	2.39	8.02	2.57	2.29	6.84	YEAR'S TOTAL 38.15 ~~38.25~~
Rain Days.	20	19	8	12	13	14	14	13	30	18	15	26	205

W, 6,500, VII. 18. W W & S

2615

30 JAN 20

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1919.

Kept at Springfield Pumping Station

in the County of Lancs

by G H Abbott

Lat. .... Long. ....
Time of Observation ....
Nearest Railway Station ....
Diameter of Funnel of Rain Gauge .... in.
Height of top of Gauge above Ground .... ft .... in.
" " " " Sea Level .... ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ——

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
			in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·24		·38		·22.		·23		·49	·23		·07	1
2	·14				·03		·24		·18	·01.		·08	2
3	·10		·34		·04.	·18	·12					·03	3
4	·28 s					·06	·16	·25				·10	4
5				·01.	·09						·02	·22	5
6	·12		·34.		·06.		·01.					·18.	6
7	·15		·22	·11.							·02		7
8			·09			·04.							8
9	·34			·05									9
10	·01		·22	·10						·10		·08	10
11	·68		1·38	·10	·02		·24			·14.		·04	11
12			·38	·28.		·32	·10		·02		·14.s	·02	12
13		·02.								·81.		·13	13
14								·02					14
15	·38	·13	·01.	·16.						·03	·25	·34	15
16	·10					·03	·02					·01	16
17	·05	·03		·03		·13		·56			·39.	·02	17
18			·59				·15	·46	·20		·03	·16	18
19	·02	·42	1·09.			·24	·05	·11	·15		·14	·19	19
20	·23	·11	·08.			·05		·11	·12		·36.	·49	20
21	·05	·29				·04.	·29				·04		21
22		·09.						·03	·29	·02	·04.	1·14	22
23						·06				1·15		·04	23
24				·03	·50			·10	·16	·20	·13	·41	24
25	·23			·10.		·02		·59	·13		·19		25
26			·30	·36.		·12		·35	·04			·44	26
27	·26	·04	·01.			·01.		·03	·08			·36	27
28			·02	·01.				1·03					28
29	·05		·19	·08		·01.		·06		·13	·10	·24.	29
30				·18		·25			·03.			·23	30
31	·07		·03				·23					·05	31
TOTAL	3·50	1·13	5·64	1·60	·96	1·65	1·84	3·40	1·89	2·85	1·91	5·13	YEAR'S TOTAL ~~3·149~~ 31·83
Days with ·01 in. or more	25	9	20	14	9	14	13	13	13	12	16	28	(192)

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

C+D Cm 2501

2 MAR 1921

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at ~~Bickerstaffe~~ Springfield Pumping Station

in the County of Lancashire

by G.H.Abbott

Lat. Long.

Time of Observation 9 am

Nearest Railway Station Town Green

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 7 ft. 2 in. 11

" " " " Sea Level ~~128~~ 40.45 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.10		.12	.08			.50		.15	.06	04	13	1
2					29		.07		.32			.10	2
3	.03	.10	.02		02	.03		.04	.19	.33		03	3
4				.20	.05		.53	1.06		.11	.01	.04	4
5			.04		39		06	.14	.35	14			5
6			1.24 s	.22	.16					.11		02	6
7		.12		.13			30				.02		7
8	.03			.20	.07		33	.08				.01	8
9	.37	48	.03	.40			25	20	.03				9
10	.41	.22	.02									.01	10
11		11	.02	.08	.37	84	.19	.08			.06	04	11
12	19		.11	.52		.88	.16	.02	.01		20	.04 s	12
13		.06	.36	.02			.03					.01 s	13
14	.10	.34		.16		.50	.08		40	.23	.58		14
15				.27						.04	05		15
16			.06	.06	.30	52	.49	.15	.14		02		16
17	.21		.04	.16	27		.06		.32				17
18					.18								18
19		1.18		.03	.32			.36	.12		02		19
20	21			.46		.20	.50		.48			.08	20
21				.04						.02		.15	21
22	18			.27			.24	.11					22
23	02		.15	.12			.50	.06				.40	23
24	0.3		.76			.02		.04					24
25		.13	.06	.16		.02	1.03					.29	25
26	.25	06	.55	.46	.09		.06				.02		26
27			.50		.35	49	.05						27
28	1.05			.06	05	.02	.06				.12	.40	28
29	14		.27	.38			.32				.30	50	29
30	20	X	10	09	80	.14	.08		.61		.07	22	30
31	25	X	.06	X	14	X		.10	X	22	X	.02	31
TOTAL	4.07	2.80	4.51	4.57	3.85	3.66	5.89	2.44	3.12	1.26	1.51	2.49	YEAR'S TOTAL 40.17 ~~39.57~~
Days with ·01 in. or more	23	12	22	30	19	14	29	15	15	10	15	22	(226)
Days with ·04 in. or more													

s = Snow

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

Cor. 16.IV.12

FORM A2. BRITISH RAINFALL.

3 JAN 1912

REGIST

ORRELL

UPHOLLAND GRAMMAR Sch.

LANCASHIRE.

1911, 1914 - 20.

Kept at Upholland

in the County of Lan

by C A C

1 ft. 0 in.

el 310 ft.

Orrell

Direction E

IMPORTANT NOTE.—Rai esult entered to the previous day. If an Observer rule, he is earnestly requested to add the reading at the space provided for it at the end of this para f rain, the selection and placing of Rainfall Organization are given in "*Rules for Rainfall Obser* tion to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—	·170	—	·090	—	·073	—	—	—	·309	·010	1
2	—	—	·030	—	·140	—	trace	·027	—	·060	—	·020	2
3	—	—	·005	—	·380	—	·005	—	·050	—	·270	·090	3
4	—	—	·035	—	·011	—	·052	·380	·115	—	·310	·060	4
5	·439	·014	·065	—	—	—	trace	·880	—	·010	·090	—	5
6	·201	—	—	·035	—	—	—	·413	—	·050	·353	·108	6
7	—	—	—	—	—	—	—	trace	—	—	·105	·020	7
8	·151	—	·220	—	—	—	—	—	—	—	·650	·760	8
9	—	—	—	—	—	—	—	—	—	—	·010	·060	9
10	·163	·050	·080	—	—	—	—	—	·060	—	·005	·305	10
11	·020	—	—	—	—	—	—	—	·010	—	·400	·06 ·006	11
12	—	·005	·200	—	—	—	—	—	1·175	—	·315	trace	12
13	—	·008	—	—	·030	trace	—	—	trace		·100	·275	13
14	·048	·480	—	—	—	—	trace	—	—		·030	·240	14
15	·015	·195	·003	·020	—	—		—	·005	trace	·155	·160	15
16	·005	·230	·030	—	—	·095	·030	—	—	—	·120	·080	16
17	—	·005	trace	—	·180	·990	—	trace	trace	—	·060	·150	17
18	—	·165	"	·098	—	·025	—	·030	—		·070	·100	18
19	—	·082	—	·068	—	·060	·040	·007	·260		·168	·140	19
20	—	·135	—	·340	—	·028	·078	·447	·170	·025	trace	·400	20
21	—	·450	·034	—	—	·010	·018	·015	·010	·178	—	·130	21
22	·025	—	—	—	—	·005	—	trace	—	·480	·005	·115	22
23	·050	·175	·011	·018	·065	·105	—	trace	·250	·025	—	·280	23
24	·030	·120	—	·125	—	1·070	—	·040	·005	·270	—	·110	24
25	·005	·090	—	·341	—	·385	—	·005	·640	·140	—	·195	25
26	—	·025	—	·265	—	·100	·018	·050	trace	·068	·025	·425	26
27	—	·220	—	·390	—	trace	—	·578	·970	trace	—	·170	27
28	—	·240	—	·390	—	·149	—	trace	·070	"	—	·485	28
29	—	—	—	·370	—	·150	·042	~~trace~~ ·005	·210	·395	·010	·145	29
30	—	—	—	·005	—	·280	·005	—	trace	·230	·020	·005	30
31	—	—	·050		—		·029	—		·120		·020	31
Total	1·152	2·689	·933	2·465	·896	3·452	·390	2·877	4·000	2·051	2·971	5·118 ✓	TOTAL for year
No. of Rain Days	6	15	11	12	7	13	9	6	13	13	20	27	28·994 ✓

160 ✓

9,000, IX. '10.

Cor. 16.IV.12

REGISTER OF RAINFALL IN 19

FORM A2. BRITISH RAINFALL. 3 JAN 1912

Kept at Upholland Gram School
in the County of Lancs C 2
by C A Cox B Sc

RAIN GAUGE
Pattern ordinary deep funnel
Diameter of top 5 in.
Height of top above Ground 1 ft. 0 in.
" " " Sea Level 310 ft.

Time of Observation 9 am

Nearest Railway Station
Name Orrell
Distance ½ ml Direction E

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—	·170	—	·090	—	·073	—	—	—	·300	·010	1
2	—	—	·030	—	·140	—	trace	·027	—	·060	—	·020	2
3	—	—	·005	—	·380	—	·005	—	·050	—	·270	·090	3
4	—	—	·035	—	·011	—	·052	·380	·115	—	·310	·060	4
5	·439	·014	·065	—	—	—	trace	·880	—	·010	·090	—	5
6	·201	—	—	·035	—	—	—	·413	—	·050	·353	·108	6
7	—	—	—	—	—	—	—	trace	—	—	·105	·020	7
8	·151	—	·220	—	—	—	—	—	—	—	·650	·760	8
9	—	—	—	—	—	—	—	—	—	—	·010	·060	9
10	·163	·050	·080	—	—	—	—	—	·060	—	·005	·305	10
11	·020	—	—	—	—	—	—	—	·010	—	·400	·06 ·006	11
12	—	·005	·200	—	—	—	—	—	1·175	—	·315	trace	12
13	—	·008	—	—	·030	trace	—	—	trace		·100	·275	13
14	·048	·480	—	—	—	—	trace	—	—		·030	·240	14
15	·015	·195	·003	·020	—	—		—	·005	trace	·155	·160	15
16	·005	·230	·030	—	—	·095	·030	—	—	—	·120	·080	16
17	—	·005	trace	—	·180	·990	—	trace	trace	—	·060	·150	17
18	—	·165	"	·098	—	·025	—	·030	—		·070	·100	18
19	—	·082	—	·068	—	·060	·040	·007	·260		·168	·140	19
20	—	·135	—	·340	—	·028	·078	·447	·170	·025	trace	·400	20
21	—	·450	·034	—	—	·010	·018	·015	·010	·178	—	·130	21
22	·025	—	—	—	—	·005	—	trace	—	·480	·005	·115	22
23	·050	·175	·011	·018	·065	·105	—	trace	·250	·025	—	·280	23
24	·030	·120	—	·125	—	1·070	—	·040	·005	·270	—	·110	24
25	·005	·090	—	·341	—	·385	—	·005	·640	·140	—	·195	25
26	—	·025	—	·265	—	·100	·018	·050	trace	·068	·025	·425	26
27	—	·220	—	·390	—	trace	—	·578	·970	trace	—	·170	27
28	—	·240	—	·390	—	·149	—	trace	·070	"	—	·485	28
29	—	—	—	·370	—	·150	·042	~~trace~~ ·005	·210	·395	·010	·145	29
30	—	—	—	·005	—	·280	·005	—	trace	·230	·020	·005	30
31	—	—	·050		—		·029	—		·120		·020	31
Total	1·152	2·689	·933	2·465	·896	3·452	·390	2·877	4·000	2·051	2·971	5·118	TOTAL for year 28·99
No. of Rain Days	10	15	11	12	7	13	9	10	13	13	20	27	160

9,000, IX. '10.

Bc. M9.

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
4 JAN 1915

Kept at Upholland Grammar School

in the County of Lancashire C 2

by

Lat. 53 35' N Long. 2° 45' W

Time of Observation 9

Nearest Railway Station Orrell

Diameter of Rain Gauge 5 ~~12~~ in.

Height of top of Gauge above Ground 1 ft. - in.

" " " " Sea Level 310 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	nil	·015	·155.	—	—	·025	·370.	·430	trace	·025.	—	·215.	1
2	·020	—	trace.	—	·045	—	·470.	·235.	—	·035.	283	·290	2
3	·032.	—	·065.	—	·325.	—	·060	·165	trace	·010.	—	·580	3
4	·203	—	·155.	·300	·200	·030	·050	—	—	—	·315.	·340	4
5	·072	—	·420.	·080	·070	·048	·070	—	—	—	·050	·058	5
6	—	—	·128.	·137	·212	·057	·010	·040	—	—	·075	·025	6
7	·046.	·164	·230	·030	·280	·030	—	·165.	—	—	·020	·135	7
8	·602.	—	·015.	—	·152	·078	·130	·322	·005	·015	—	·070	8
9	·298	·185.	·080	·190	·095.	·248	—	·170	·795	—	·085.	—	9
10	·020	·068.	·108★	·030	·070	·018	—	—	·210	—	·062.	·015.	10
11	trace	·095.	·375.	—	·027	·090	·273	—	·237	—	·415.	·250	11
12	trace.	·394	·180.	—	·100	·065.	·170	—	·810	—	·295.	·050	12
13	trace	·135.	·142.	·030.	·025.	—	·035	—	·100	·215.	·400	·185.	13
14	trace	·068.	·051.	—	—	—	—	—	·040.	·030	·225★	·265	14
15	—	·025.	·295.	—	—	—	—	—	·022.	—	·148	—	15
16	trace	·020	·025.	—	—	—	1·215.	—	·795	—	—	—	16
17	·010	·400	·200	—	—	—	·190	—	·715	—	—	·840	17
18	—	—	·025.	—	—	—	·015	—	·055	·037	—	·080	18
19	—	·015.	·015.	—	—	—	·083	—	·110	—	—	·325.	19
20	—	·112.	·060	—	—	·051	—	—	—	·015.	—	·105	20
21	—	·135.	—	—	—	·210	—	·002.	—	·075.	—	·130	21
22	—	·076.	—	·020	·025.	·215	—	·145	—	·023	—	—	22
23	—	·063.	·065.	·050	·060	·032.	·318	—	—	·015.	·035.	—	23
24	—	·010	·460	·085	—	—	·390	·290	—	—	·195	—	24
25	·058.	·010	trace.	trace	—	—	·215.	·250	—	·825	·105	·520	25
26	trace.	trace	·008	—	—	—	·270	·001.	—	·265.	·341	·260	26
27	·135.	—	—	—	—	·015.	—	—	—	·717	·335.	·795.	27
28	·095.	·160.	·175.	trace	·050	·030	—	—	·035.	·102.	·135	·145.	28
29	·080		·100	—	·090	·018	—	·015	—	—	·065.	·180	29
30	trace	X	·045	—	—	—	—	·100	—	—	·173	·065	30
31	·220.	X	·113.	X	·020.	X	·520	—	X	·178.	X	trace	31
Total	1·891	2·150	3·690	·952	1·846	1·260	4·854	2·330	3·929	2·582	3·757	5·923	YEAR'S TOTAL 35·164.
Rain Days.	~~21~~ 14	~~20.~~ 19	~~28~~ 26	~~12.~~ 10	17.	17.	19.	12.	~~15~~ 13	16	20.	~~25~~ 24	~~22~~ 4.

W. 8,000. X. 14. ★ Some melted snow.

209

Cndly A 3.IV.14

FORM B.
BRITISH RAINFALL

14 JAN 1914

To be filled and returned
to DR. H. R. MILL, *Director*,
BRITISH RAINFALL ORGANIZATION,
62 CAMDEN SQUARE, LONDON, N.W.
Copies of this form will be supplied with pleasure.

RAINFALL IN 1913

At Upholland

In the County of Lancs

Rain Gauge
Diameter of Funnel 5 in.
Height of Top — *Above Ground* 1 ft. in.
Height of Top — *Above Sea Level* 310 ft.

	Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 or more recorded.
		Inches.	Inches.	Date.	
3.31	JAN.	3·308	·550	22nd	~~16~~ 19
99	FEB.	·986	·210	9th	12
3.20	MAR.	3·196	·395	13th	22
3.93	APR.	3·926	1·085	26th	17
2.74	MAY	2·745	·800	3rd	20
2.30 2.297	JUNE	2·297	·625	9th	~~16~~ 15
1.82	JULY	1·822	·690	6th	~~12~~ 13
2.26	AUG.	2·263	·820	22nd	9
1.76	SEPT.	1·761	·440	25th	12
2.13	OCT.	2·130	·414	14th	18
3.85	NOV.	3·849	·625	20th	29
2.10	DEC.	2·105	·400	26th	~~17~~ 18
30.39 30.388	Total	30·388			~~200~~ 204

Signed

[*Please fill in the other side also.*

W. 18,000. XI. 12.

If Gauge has been moved during year state—

Date.	Distance.	Direction.

How was height above sea level ascertained?

BM in vicinity

State pattern and maker of Gauge, if known.

Ord'y deep-funnel form

What are the objects nearest to the Gauge?

Objects.	Height.	Distance.	Direction.
Quite open			

In order that the position may be accurately entered on a map please mention

Nearest Railway Station and Parish Church.

	Name.	Distance.	Direction.
Station	Orrell	½ mile	E
Church	Upholland	1 mile	W

If you know of any record of rainfall not quoted in *British Rainfall*, please give the Observer's name and address below.

Record is taken at a waterworks near us, under the control of Wigan. not the figures quoted in B.R. (which are for Wigan itself)

C

Wrote for details 23.11.14

don't know anything about figs [illegible]

REMARKS on the weather of the year or on any meteorological occurrences should be made on the special slip FORM E.

0 02 30488

FORM B.

BRITISH RAINFALL
4 JAN 1915

To be filled and returned
to DR. H. R. MILL, *Director*,
BRITISH RAINFALL ORGANIZATION,
62 CAMDEN SQUARE, LONDON, N.W.
Copies of this form will be supplied with pleasure.

RAINFALL IN 1914

At Upholland Grammar School.

In the County of Lancashire C 2

Rain Gauge
Diameter of Funnel 5 in.
Height of Top *Above Ground* 1 ft. in.
Above Sea Level 310 ft.

	Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 or more recorded.
		Inches.	Inches.	Date.	
1.89	JAN.	1·891	·602	8th	14
2.15	FEB.	2·150	·400	17th	19
3.69	MAR.	3·690	·460	24th	26
.95	APR.	·952	·300	4th	10
1.85	MAY	1·846	·325	3rd	17
1.26	JUNE	1·260	·248	9th	17
4.85	JULY	4·854	1·215	16th	19
2.33	AUG.	2·330	·430	1st	12
3.93	SEPT.	3·929	·810	12th	~~12~~ 13
2.58	OCT.	2·582	·825	25th	16
3.76	NOV.	3·757	·795	24th	20
5.92	DEC.	5·923	·840	17th	24
35.16	Total	35·164	893		207

Signed C H Cox

[Please fill in the other side also.

W. 17,000. X.14.

If Gauge has been moved during year state—

Date.	Distance.	Direction.

How was height above sea level ascertained?

By neighbouring B.M.

State pattern and maker of Gauge, if known.

deep-funnel pattern

What are the objects nearest to the Gauge?

Objects.	Height.	Distance.	Direction.
nothing [illegible]			

In order that the position may be accurately entered on a map please mention

Latitude 53° 35' N.

Longitude 2° 45' W

Nearest Railway Station and Parish Church.

	Name.	Distance.	Direction.
Station	Orrell	½ mile	E
Church	Upholland	¾ mile	NNW

If you know of any record of rainfall not quoted in *British Rainfall*, please give the Observer's name and address below.

902

55 164

3147

FORM A.
BRITISH RAINFALL.

7 JAN 1916

REGISTER OF RAINFALL IN 1915

Kept at Up-holland Grammar School

in the County of Lancashire C

by C H Cox B.Sc.

Lat. 53½ N Long. 2·75° W.
Time of Observation 9
Nearest Railway Station Orrell
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 310 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·025	·255	·055	—	·285	—	·128	·070	·025	—	—	·060	1
2	—	·425	·320	·290	—	·135	·085	·515	—	·020	—	·015	2
3	·500	·025	·052	·288	—	—	·400	·158	—	—	—	·425	3
4	·025	·265	—	—	·265	·085	·084	·010	—	—	—	·710	4
5	·110	·200	·210	—	—	·060	—	·025	—	—	—	·828	5
6	·158	·045	—	·180	—	—	·440	·065	—	·010	·025	·330	6
7	·695	·400	—	·025	—	—	·332	·375	—	—	—	·070	7
8	·188	·110	—	·140	—	—	—	·200	—	—	·440	—	8
9	—	·085	—	·060	—	—	—	·015	—	—	·245	·425	9
10	·555	—	·170	·095	—	—	·025	·410	—	—	·088	·055	10
11	·230	—	·035	—	·300	—	—	·285	—	—	·220	·170*	11
12	·250	—	—	·125	·088	—	—	·120	—	·180	·415	—	12
13	·052	·020	Trace	—	—	—	—	·030	—	—	·225	·065	13
14	·055	—	—	·108	—	—	·070	·157	·175	—	·015	·165	14
15	·725	·035	—	—	—	—	—	·450	—	—	·200	·180	15
16	—	·270	—	·015	·200	—	·885	·730	—	—	—	·015	16
17	·018	·160	·155*	—	—	—	—	—	—	—	—	·090	17
18	·015	·165	·088	—	—	—	—	—	—	—	—	—	18
19	·170	·055	·065	·330	·108	—	·165	—	—	·010	—	·010	19
20	·165	·065	·075	—	—	—	—	·030	—	—	—	·385	20
21	—	·040	—	·095	—	—	·200	·025	—	—	—	·260	21
22	—	·010*	·065	·015	—	·250	·025	—	—	·040	—	·200	22
23	—	·145*	·065	—	—	·045	—	—	·010	·630	—	·160	23
24	—	—	·185	·025	—	—	—	—	·200	·150	—	·330	24
25	—	—	—	—	—	·655	—	—	·385	—	—	·290	25
26	—	·250	—	—	—	·195	·225	—	·140	—	—	·260	26
27	—	·165	—	—	—	·015	·295	—	—	·460	—	·380	27
28	—	·200	—	—	·025	·590	—	·550	—	·250	—	·030	28
29	—	✕	—	—	·018	·010	—	—	—	—	·110	·150	29
30	·165	✕	—	·135	—	—	—	·075	—	·070	·020	·030	30
31	·110	✕	—	✕	—	✕	·055	·510	✕	·080	✕	·280	31
Total	4·211"	3·390"	1·540"	1·926"	1·289"	2·040"	3·419"	4·805	·935"	1·900"	2·003	6·368	YEAR'S TOTAL 33·826.
Rain Days.	19. ✓	22. ✓	13 ✓	15 ✓	8 ✓	10 ✓	15 ✓	21. ✓	6 ✓	11. ✓	11. ✓	28 ✓	179.

W. 8,000. X. 15. * Partly melted snow.

3074

FORM A.
BRITISH RAINFALL

REGISTER OF RAINFALL IN 1916

Kept at Upholland Gl

in the County of Lancs

by [illegible] B Sc

Lat. 53½ Long. 3½ W

Time of Observation 9 (including Summer time period)

Nearest Railway Station Orrell

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

" " " " Sea Level 310 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·160	·030	·230	—	—	·180	·350	—	—	—	·085	—	1
2	·300	·220	·035	—	—	—	·040	—	·665	·220	—	·020	2
3	·010	·020	—	·065	—	·030	·650	—	·490	·250	·090	—	3
4	·080	·150	—	—	·410	1·140	—	—	·020	·450	·250	—	4
5	·060	·370	—	—	·090	·270	—	—	—	·635	·150	—	5
6	·800	·310	—	—	·480	·010	·215	—	—	·130	·230	·060	6
7	—	—	·020	—	·070	—	·250	—	—	·160	·170	·460	7
8	·060	·095*	·020	—	·020	·480	·010	—	—	·045	·320	·150	8
9	·050	·080*	—	—	·215	·460	—	—	·120	—	·220	·090	9
10	—	·200*	·020	·140	—	—	·120	—	·025	·030	·010	·035	10
11	·030	·300*	·010	·820	—	—	·030	—	·185	—	—	·030	11
12	·130	·115	·055	·050	·420	—	·370	·060	·025	·135	—	—	12
13	—	·095	·120	·060	·040	—	·150	·590	—	1·600	·030	·080	13
14	·010	·110	—	·082	·390	—	—	·200	·060	·130	—	—	14
15	—	·295	·325	·045	·020	—	·035	·580	·200	·115	—	—	15
16	·060	·110	·185	·420	—	—	·110	·610	·030	·230	—	—	16
17	·130	·265	·010	·400	—	—	·060	·180	·830	·120	—	·010 *	17
18	—	·260	—	·360	—	—	—	·110	·310	·210	·160	·120 *	18
19	·190	—	·179	·130	—	—	—	·190	—	—	·080	—	19
20	·140	—	·109	·200	—	—	—	·020	—	—	·035	·010	20
21	·030	—	—	—	·110	—	—	—	—	—	·095	—	21
22	—	—	—	—	·020	·140	—	—	—	·200	—	·100	22
23	·030	—	·072	·060	—	—	—	·080	—	·020	·210	·350	23
24	—	·145*	—	—	·050	—	—	·160	—	·070	·010	·090	24
25	·025	·030*	·090	—	·070	·040	—	·130	·025	·035	·360	·090	25
26	·075	·010	·115	—	—	·050	—	·010	·025	·045	—	—	26
27	—	·040	·030	—	—	·100	—	·100	·163	·310	—	·020	27
28	—	·045	·020	—	—	—	—	—	—	·660	·380	·270	28
29	—	·090	—	—	—	·130	·020	—	—	·220	—	·400	29
30	—	X	—	—	—	·120	·030	—	—	·350	·020	·020	30
31	—	X	—	X	—	X	—	·140	X	—	X	·100	31
Total	2·370″	3·385″	1·645″	2·832″	2·405″	3·150″	2·440″	3·160″	3·173″	6·370″	2·905″	2·505″	YEAR'S TOTAL 36·340″
Rain Days.	19	23	18	13	14	13	15	15	15	24	18	20	208

W. 8,000, VIII. 16

* Some snow.

2926

FORM A.
BRITISH RAINFALL.
7. JAN

REGISTER OF RAINFALL IN 1917

Kept at Upholland Grammar School
in the County of Lancashire
by C A Cox BSc

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Orrell
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. in.
" " " " Sea Level 320 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	nil	nil	nil	·295	nil	·090	nil	·050	·340	nil	·210	·250*	1
2	·350	nil	nil	·120*	nil	·070	nil	·030	nil	·090	·020	·070	2
3	·010	·400*	nil	·025	nil	·250	nil	nil	nil	·500	·040	·125	3
4	·180	·038*	·003	·040	nil	·010	nil	·050	nil	1·030	·020	·010	4
5	·240	nil	·040	·030	nil	nil	nil	nil	nil	·370	·410	·030	5
6	·070	nil	nil	·020	nil	·235	nil	·050	nil	·370	·200	·070	6
7	·600*	nil	nil	nil	nil	·115	nil	nil	nil	·430	·030	·080	7
8	·300	nil	nil	·290*	nil	·130	nil	·550	nil	·650	·255	·470*	8
9	nil	nil	·040	·150*	·030	nil	nil	·120	nil	·240	·350	nil	9
10	·475	nil	·620	·110*	·230	nil	nil	·240	nil	·020	·030	nil	10
11	·150	·020*	nil	·020	nil	nil	nil	·330	nil	·650	·050	·030	11
12	·015	·015	nil	·020	·540	nil	nil	·340	·020	·480	·020	·040	12
13	nil	nil	nil	·070	nil	·035	nil	·030	nil	·020	·140	·300	13
14	·025*	nil	nil	·030	·160	nil	nil	·400	nil	·040	·010	·110	14
15	nil	nil	nil	·030	nil	nil	·485	·100	·180	·100	nil	·310	15
16	nil	·070	·020	·210	nil	·035	·035	·310	·010	·020	·080	·170	16
17	nil	·010	·210	·480	·100	nil	·240	1·530	·045	·400	·030	nil	17
18	nil	nil	·065	·150	·080	nil	·620	·400	·260	·030	nil	nil	18
19	nil	·350	·280*	·040	·320	·085	·020	·040	·010	nil	·030	nil	19
20	nil	·355	nil	trace	·140	·300	nil	·170	·080	nil	·670	nil	20
21	nil	·050	·135*	nil	·360	·020	nil	·140	·050	·050	·050	nil	21
22	nil	nil	nil	·010	nil	·100	nil	·100	·120	·360	·140	·060	22
23	nil	·160	·020	·010	·150	·160	·025	·150	·040	·280	·040	·120	23
24	nil	·020	·050	nil	nil	·050	·060	·110	·010	·420	·250	·040	24
25	nil	·120	·100	nil	nil	nil	nil	·220	·020	·160	·060	nil	25
26	nil	·010	nil	nil	nil	nil	nil	·810	·370	·270	·950	nil	26
27	nil	nil	·055	·010	·620	·190	·370	·650	·020	·230	·070	nil	27
28	nil	·050	·250	nil	nil	nil	·070	·240	·030	·220	·020	·020	28
29	nil	nil	·070	nil	nil	nil	·040	·120	·010	·350	nil	nil	29
30	nil	X	·180	nil	nil	nil	nil	·250	nil	·040	·070	nil	30
31	nil	X	·300*	X	·020	X	nil	·190	X	nil	X	nil	31
Total	2·415	1·668	2·438	2·160	2·750	1·875	1·965	7·720	1·615	7·820	4·245	2·305	YEAR'S TOTAL 38·976
Rain Days.	11	14	~~17~~ 16	21	12	16	10	28	17	27	27	18	~~218~~ 217

217

W. 8,000, IX. 17. * some snow.

Exit . EFE

54

REGISTER OF RAINFALL IN 1918

FORM A. BRITISH RAINFALL
6 . 1 . 19

Kept at Upholland G S

in the County of Lancashire

by [illegible]

Lat. 53° 35'N Long. 2° 45'W

Time of Observation

Nearest Railway Station Orrell

Diameter of Funnel of Rain Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 320 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	·130	—	·020	—	—	—	—	·460	·145	·250	·180	1
2	—	·040	—	·010	—	—	—	·070	·200	·045	·010	·800	2
3	—	·050	—	—	·480	—	—	—	·040	·445	·020	·025	3
4	·070	·025	—	—	·010	—	—	·030	·340	·260	·210	·120	4
5	—	—	—	·090	·270	—	·020	·530	·270	·340	·090	·010	5
6	·090	·650	—	·250	—	·200	·010	·030	·010	·230	—	—	6
7	—	·080	—	—	·030	—	—	·060	·130	·260	·120	·010	7
8	·200 *	·070	·030	·080	—	—	·210	·030	·870	·160	—	—	8
9	·100	·330	—	·030	—	·650	·040	—	·810	·550	·115	·050	9
10	·160	·260	—	·030	—	—	·125	—	·310	·100	·340	·060	10
11	·190	·180	·010	·050	·080	—	·010	·030	·280	—	—	·180	11
12	·060*	·320	—	·050	·130	·020	·225	—	·100	—	—	·060	12
13	·010*	·020	—	—	·100	·020	—	—	·380	·375	—	—	13
14	·440*	—	—	—	·010	·130	·280	—	·310	·160	—	·280	14
15	·300 *	—	—	—	·010	—	·530	—	1·300	·040	—	·600	15
16	·010 *	—	—	—	—	·145	·470	·060	·330	·010	—	·225	16
17	·180	—	—	—	·110	·065	·690	·070	·130	·060	—	·250	17
18	·270	—	·095	—	—	·270	·360	·020	·300	—	—	·440	18
19	·070	·065	·300	·090	—	·010	·310	·060	·160	·090	—	·650	19
20	·050	·590	·010	·120	·080	·130	·260	—	·450	—	—	·180	20
21	·230	·200	—	—	·100	·130	·050	—	·460	·030	—	·080	21
22	·070	—	—	—	1·050	·150	·250	·010	·220	—	·045	·590	22
23	·080	—	—	—	·400	·020	·330	—	·230	—	·130	·210	23
24	—	·060	—	—	—	—	·060	·248	·170	·040	·040	·080	24
25	—	—	—	—	·070	—	·180	·750	·190	—	·150	—	25
26	—	—	—	—	—	—	·090	·070	·470	·040	·210	·130	26
27	—	·085*	·400	—	—	·160	—	·480	·460	·030	·430	·625	27
28	—	·030	·210	—	—	—	—	·040	·180	·010	·010	1·210	28
29	—	X	—	—	—	—	—	—	·090	—	·220	·170	29
30	—	X	·320	—	—	—	—	·180	·150	·020	—	·240	30
31	—	X	·260	X	—	X	—	·390	X	·050	X	·020	31
Total	2·580 √	3·185 √	1·635 √	·820 √	2·930 √	2·100 √	4·500 √	3·158 √	9·800 √	3·490 √	2·39 √	7·475	YEAR'S TOTAL √ 44·063
Rain Days	18 √	18 √	9 √	11 √	15 √	14 √	20 √	19 √	30 √	23 √	16 √	27 √	220 √

W, 6,500, VII, 18. W W C

* Snow

Ex 786

2770

REGISTER OF RAINFALL IN 1919.

FORM A.
BRITISH RAINFALL.

8 JAN 20

Kept at Upholland

in the County of Lancaster

by Upholland Gr School

Lat. 53½ N. Long. 2°45′ W.

Time of Observation 9 a.m.

Nearest Railway Station Orrell

Diameter of Rain Gauge 5. in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 320. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·230″	—	·030″	—	·360″	—	·340″	·010″	·380″	·400″	·010″	·050″	1
2	·190″	—	·630″	—	·035″	—	·280″	·035″	·245″	·040″	—	·090″	2
3	·320″	—	—	—	·060″	·210″	·200″	—	—	—	·010″	·060″	3
4	·370″	—	·320″	—	·010″	·160″	·420″	·300″	·020″	—	—	·140″	4
5	·020″	—	—	·030″	·230″	—	—	—	—	·020″	·045″	·380″	5
6	·045″	—	·380″	—	·150″	—	—	—	—	—	·010″	·200″	6
7	·020″	—	·300″	·100″	—	—	—	—	·085″	—	·025″	—	7
8	·110″	—	·065″	·020″	—	·075″	—	—	—	—	—	—	8
9	·220″	—	·070″	·050″	—	·030″	—	—	—	—	—	—	9
10	·010″	—	·350″	·120″	—	—	—	—	—	·030″	—	·110″	10
11	·040″	—	·945″	·120″	·020″	—	·310″	—	·015″	·040″	—	·040″	11
12	·050″	—	·290″	·040″	—	·360″	·100″	—	—	·350″	·220″	—	12
13	·380″	—	—	·150″	—	—	·020″	·030″	—	·360″	—	·035″	13
14	·320″	—	—	·060″	—	—	—	·030″	—	·130″	—	·010″	14
15	·235″	·090″	—	·320″	—	—	—	—	—	·050″	·035″	·440″	15
16	·110″	·100″	—	·010″	—	·040″	·030″	—	—	—	·390″	·020″	16
17	·020″	—	—	·130″	—	·190″	—	·570″	—	—	·630″	·020″	17
18	—	—	·340″	·010″	—	—	·100″	·470″	·170″	—	·050″	·175″	18
19	·070″	·360″	1·180″	—	—	·270″	·040″	·140″	·215″	—	·220″	·500″	19
20	·390″	·060″	—	—	—	·290″	—	·030″	·120″	—	·310″	·810″	20
21	·040″	·290″	—	—	—	·010″	·300″	—	·100″	—	·070″	·110″	21
22	—	·090″	—	—	—	·080″	—	·050″	·400″	—	·020″	1·140″	22
23	—	—	—	—	—	·030″	—	·045″	—	1·000″	·060″	·050″	23
24	—	—	—	·040″	·300″	—	—	·045″	·220″	·110″	·210″	·450″	24
25	·145″	—	—	·020″	·160″	·030″	—	·720″	·095″	—	·190″	—	25
26	·050″	—	·450″	·260″	—	·150″	—	·540″	·230″	—	·050″	·500″	26
27	·270″	·010″	·020″	·170″	—	·020″	—	·350″	·020″	—	—	·015″	27
28	—	—	—	·030″	—	—	—	1·150″	—	—	—	·390″	28
29	·040″	X	·160″	·045″	—	·040″	—	·175″	—	·140″	—	·190″	29
30	—	X	·230″	·250″	—	·200″	—	—	—	·020″	·090″	·250″	30
31	·020″	X	·030″	X	—	X	·275″	·020″	X	—	X	·080″	31
Total	3·715″	1·000″	5·790″	1·975″	1·325″	2·185″	2·415″	4·710″	2·315″	2·690″	2·645″	6·255″	YEAR'S TOTAL 37·020″
Rain Days.	25.	7.	17.	20.	9.	17.	12.	18.	14.	13.	19.	26.	197.

W. 8,000. X. 14.

2656

RR

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Orrell Upholland Grammar School
in the County of Lancashire
by [illegible] B.Sc.

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Orrell
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. in.
" " " " Sea Level 320 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·070	—	·100	·080	·350	·015	·335	·320	·090	·160	·015	·200	1
2	—	·010	·010	·090	·030	—	·430	—	·300	·020	—	·150	2
3	·050	·090	·030	·070	·040	·050	·270	·190	·210	·120	—	·090	3
4	—	·010	—	·060	·060	—	·100	·990	·090	·170	·015	—	4
5	—	·010	·060	·010	·620	—	·090	·480	·420	·240	·010	·015	5
6	—	—	·700	·265	·200	—	·010	—	—	·045	·010	·010	6
7	·010	·170	·070	·020	·010	—	·260	—	—	·010	—	—	7
8	·200	·040	·050	·330	·100	—	·310	·080	—	·010	—	—	8
9	·410	·610	·040	·380	—	—	·290	·110	·030	·010	—	·020	9
10	·450	·350	·105	·010	—	—	·470	—	—	—	—	·030	10
11	·270	·100	·050	·030	·420	·810	·030	·030	—	—	·030	·010	11
12	·180	·070	·140	·550	·050	·380	·120	—	·030	—	·220	—	12
13	·100	·110	·080	·020	—	·230	—	—	·010	—	·050	·060	13
14	·015	·130	·250	·230	—	·490	·090	—	·710	·350	·560	—	14
15	—	·200	·010	·200	—	—	—	—	·030	·010	·030	—	15
16	—	—	·090	·070	·220	·360	·270 ·72	—	·175	—	·030	—	16
17	·020	—	·050	·010	·150	—	·015	·235	·440	—	—	—	17
18	·190	—	—	·030	·310	·010	—	·060	·190	—	—	—	18
19	·100	·750	—	·090	·310	·210	—	·215	·100	—	·010	—	19
20	·210	—	—	·460	—	—	·100	—	·420	—	—	·060	20
21	·020	—	—	·025	—	—	·460	·020	·050	·010	—	·240	21
22	·160	—	—	·320	—	—	·240	·120	—	—	—	·020	22
23	·020	—	·080	·110	—	—	·570	·060	—	·010	·520	·490	23
24	·060	—	·670	·090	—	—	·070	·020	—	·010	—	·300	24
25	·010	·125	·080	·110	—	·020	1·000	—	·010	—	—	·010	25
26	·160	·070	·440	·370	·410	—	·320	—	—	—	·030	·010	26
27	·100	·030	·110	·280	·410	·420	·060	—	—	·010	·090	·020	27
28	·600	·010	·210	·470	·220	—	·130	—	—	·010	—	·270	28
29	·220	·010	·200	·220	2·010	·025	·410	—	—	—	·380	·600	29
30	·250	✕	·230	·100	·015	·140	—	—	·650	—	·060	·260	30
31	·210	✕	·100	✕	·160	✕	—	·020	✕	·260	✕	—	31
Total	4·085	2·895	3·955	5·100	6·095	3·160	6·900	2·950	3·955	1·455	2·060	2·865	Year's Total 45·475
Days with ·01 in. or more	25	19	25	30	20	13	25	15	18	17	16	20	243
Days with ·04 in. or more	19	13	22	22	17	9	22	11	13	7	7	11	173

REC

PADIHAM

GAWTHORPE HALL

LANCASHIRE

1911 - 1920

FORM A.
BRITISH RAINFALL.
13 JAN 1912

Kept at The Gardens, G … adiham

in the County of Lancas … m

8 in.

by J. Harris … Ground ft. 9 in.

Sea Level 316 ft.

NOTE.—Rain should be measured … instructions for the measurement of rain and particulars as to the Britis … ers," sent post-free on application to Dr. H. R. MILL, 62, Camden Squa…

Date	Jan.	Feb.	March.							Oct.	Nov.	Dec.	Date.
	in.	in.	in.							in.	in.	in.	
1	–		·51							–	·33	·03	1
2	·12	–	·20							12	·06	·18	2
3	–	–	·34							–	·47	·06	3
4	–	–	·08	snow ·04	–	–	·05	·36	·20	·04	·65	·45	4
5	·73	–	·04	snow ·03	·10	–	–	·90	–	·02	·12	·12	5
6	·40	–	·02	·08	–	–	–	·46	·01	·17	·30	·75	6
7	·04	–	–	–	–	–	–	–	–	·10	·10	·04	7
8	·16	–	·30	–	–	–	–	–	–	–	·05	·81	8
9	·11	–	·01	–	–	–	–	–	–	–	–	·34	9
10	·27	·09	·04	–	–	–	–	–	–	·02	–	·76	10
11	·15	·02	·02	–	–	–	–	–	·04	–	·14	·10	11
12	·02	·01	·17	–	·03	–	–	–	1·17	–	·41	–	12
13	·03	·03	–	–	·90	·04	–	–	–	–	·11	·60	13
14	·10	·54	·02	–	1·26	–	–	–	–	–	·03	·48	14
15	·02	·27	·06	·10	–	–	–	–	–	–	·28	·31	15
16	·04	1·07	snow ·13	–	–	·07	·09	–	–	–	·27	·16	16
17	·04	·02	·06	–	·28	1·80	·04	–	–	–	·10	·10	17
18	–	·41	–	–	–	·06	–	·04	–	·04	·12	·28	18
19	–	·06	–	·24	–	·05	·08	–	·76	·31	·68	·31	19
20	–	·28	–	·32	–	·04	·12	·43	·13	·07	–	·34	20
21	–	·75	·05	–	–	·02	·02	·05	·05	·20	·02	·27	21
22	·12	·03	–	·02	–	·03	–	·01	–	·38	·05	–	22
23	·03	·32	–	·02	·30	·33	–	–	·13	·05	–	·32	23
24	·25	·27	–	·15	–	1·53	·02	·06	–	·22	–	·12	24
25	–	·45	–	·28	–	·06	–	·01	·52	·11	–	·27	25
26	–	·02	–	·29	·02	–	–	·12	–	·49	·19	·32	26
27	·05	·21	snow ·02	·32	–	–	–	·50	·75	–	–	·14	27
28	–	·31	–	·40	–	·31	–	·04	·17	–	–	·46	28
29	–		–	·39	–	·60	–	·01	·24	·54	–	·15	29
30	–		–	·02	·11	·08	–	·01	·02	·51	–	–	30
31	–		·02		–		–	–		·05		·09	31
Total	2·68	5·16	2·09	2·70	3·81	5·02	0·75	2·97	4·19	3·44	3·88	8·36	TOTAL for year 45·05
No. of Rain Days	18	19	18	15	10	14	9	15	13	18	20	28	197

1,000, XI, '08.

EDWARD STANFORD, 12, 13 & 14, LONG ACRE, W.C.
Waterlow and Sons Limited, Printers, London Wall, London.

Price 2d.

REGISTER OF RAINFALL IN 1911

FORM A.
BRITISH RAINFALL.
13 JAN 1912

C1

Kept at The Gardens, Gawthorpe Hall, Burnley
in the County of Lancaster
by J. Harris

Lat. .... Long. ....
Nearest Railway Station Padiham
Time of Observation 9 a.m.
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground .... ft. 9 in.
" " " Sea Level 316 ft.

NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. Full instructions for the measurement of rain and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–		·51	–	–	–	·22	–	–	–	·33	·03	1
2	·12	–	·20	–	·16	–	·11	·03	–	·12	·06	·18	2
3	–	–	·34	–	·65	–	–	–	–	–	·47	·06	3
4	–	–	·08	snow ·04	–	–	·05	·36	·20	·04	·65	·45	4
5	·73	–	·04	snow ·03	·10	–	–	·90	–	·02	·12	·12	5
6	·40	–	·02	·08	–	–	–	·40	·01	·17	·30	·75	6
7	·04	–	–	–	–	–	–	–	–	·10	·10	·04	7
8	·16	–	·30	–	–	–	–	–	–	–	·05	·81	8
9	·11	–	·01	–	–	–	–	–	–	–	–	·34	9
10	·27	·09	·04	–	–	–	–	–	–	·02	–	·76	10
11	·15	·02	·02	–	–	–	–	–	·04	–	·14	·10	11
12	·02	·01	·17	–	·03	–	–	–	1·17	–	·41	–	12
13	·03	·03	–	–	·90	·04	–	–	–	–	·11	·60	13
14	·10	·54	·02	–	1·26	–	–	–	–	–	·03	·48	14
15	·02	·27	·06	·10	–	–	–	–	–	–	·28	·31	15
16	·04	1·07	snow ·13	–	–	·07	·09	–	–	–	·27	·16	16
17	·04	·02	·06	–	·28	1·80	·04	–	–	–	·10	·10	17
18	–	·41	–	–	–	·06	–	·04	–	·04	·12	·28	18
19	–	·06	–	·24	–	·05	·08	–	·76	·31	·08	·31	19
20	–	·28	–	·32	–	·04	·12	·43	·13	·07	–	·34	20
21	T	·75	·05	–	–	·02	·02	·05	·05	·20	·02	·27	21
22	·12	·03	–	·02	–	·03	–	·01	–	·38	·05	–	22
23	·03	·32	–	·02	·30	·33	–	–	·13	·05	–	·32	23
24	·25	·27	–	·15	–	1·53	·02	·06	–	·22	–	·12	24
25	–	·45	–	·28	–	·06	–	·01	·52	·11	–	·27	25
26	–	·02	–	·29	·02	–	–	·12	–	·49	·19	·32	26
27	·05	·21	snow ·02	·32	–	–	–	·50	·75	–	–	·14	27
28	–	·31	–	·40	–	·31	–	·04	·17	–	–	·46	28
29	–		–	·39	–	·60	–	·01	·24	·54	–	·15	29
30	–		–	·02	·11	·08	–	·01	·02	·51	–	–	30
31	–		·02		–		–	–		·05		·09	31
Total	2·68	5·16	2·09	2·70	3·81	5·02	0·75	2·97	4·19	3·44	3·88	8·36	TOTAL for year 45·05
No. of Rain Days	18	19	18	15	10	14	9	15	13	18	20	28	197

1,000, XI, '08.

EDWARD STANFORD, 12, 13 & 14, LONG ACRE, W.C.
Waterlow and Sons Limited, Printers, London Wall, London.

Price 2d.

Exadd

REGISTER OF RAINFALL IN 1912

FORM A.
BRITISH RAINFALL.
10 JAN 1913

Kept at The Gardens Gawthorpe Hall. Burnley.
in the County of Lancaster, C 1
by J Harris.

Lat. .... Long. ....
Nearest Railway Station Padiham.
Time of Observation 9 am.
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground .... ft. 9 in.
" " " Sea Level 316 ft.

NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. Full instructions for the measurement of rain and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0·02		0·24	—	—	0·12	0·05	0·10	0·46	—	0·05	Snow. 0·60	1
2	0·05	Snow 0·05	0·18	0·12	—	0·23	0·34	0·02	0·14	—	0·02	0·16	2
3	0·58	Snow. 0·02	0·23	—	0·18	0·51	—	0·36	0·58	—	0·03	0·12	3
4	0·44	—	0·91	0·51	—	0·51	—	0·84	0·02	—	0·57	—	4
5	0·39	—	—	—	0·05	0·29	—	0·15	0·29	0·04	0·03	—	5
6	Snow. 0·32	0·16	0·02	—	0·16	—	—	0·52	—	—	0·05	—	6
7	—	0·12	0·02	0·06	0·10	0·04	0·15	0·02	0·32	—	0·12	0·03	7
8	0·45	0·29	0·20	0·16	0·19	0·10	—	0·08	0·11	—	0·16	—	8
9	0·18	0·04	0·28	0·32	0·04	0·13	—	0·04	—	—	0·05	0·12	9
10	0·26	—	0·02	0·16	—	0·11	0·04	0·04	—	—	0·87	0·02	10
11	0·04	—	—	—	0·05	—	0·04	0·02	—	—	0·02	0·58	11
12	0·06	0·14	0·20	—	—	0·72	—	—	—	0·22	—	0·16	12
13	—	—	—	—	—	—	—	0·44	0·02	0·02	0·05	0·48	13
14	0·15	—	0·69	—	—	0·32	—	0·18	—	—	—	0·46	14
15	0·27	0·10	0·07	—	0·42	0·37	—	0·09	—	0·19	—	0·14	15
16	0·50	—	0·11	—	0·05	0·23	—	0·04	—	—	0·04	0·12	16
17	0·07	0·23	0·19	—	0·04	1·05	—	0·30	—	0·64	0·17	0·64	17
18	0·07	0·02	0·05	—	—	0·10	—	0·25	—	0·34	0·06	0·13	18
19	0·04	0·06	0·61	—	—	0·03	0·04	0·28	—	0·31	0·27	—	19
20	0·11	—	0·07	—	0·22	0·09	0·02	0·32	—	0·30	0·03	0·05	20
21	—	—	0·32	~~0·12~~	0·10	—	0·03	0·12	—	—	—	0·18	21
22	0·02	0·12	—	—	0·39	0·04	0·08	0·60	—	—	—	0·03	22
23	—	—	0·19	—	—	0·02	0·66	0·83	—	0·05	0·42	0·05	23
24	0·08	0·03	0·07	—	0·04	0·21	0·02	0·14	—	0·02	0·32	0·23	24
25	—	0·02	0·03	—	—	0·38	0·40	0·03	—	1·30	0·64	0·12	25
26	Snow. 0·02	0·19	0·16	—	—	0·03	0·27	0·34	—	0·31	0·43	0·20	26
27	—	0·12	0·60	—	—	0·40	0·71	—	—	—	0·04	0·12	27
28	—	0·05	—	—	0·02	0·37	0·38	0·39	—	0·38	0·18	0·06	28
29	—	0·06	0·08	—	—	0·05	0·50	0·10	0·33	0·22	—	0·20	29
30	0·07		0·47	—	0·05	0·16	0·28	—	—	0·04	—	—	30
31	—		0·07		0·39		1·16	0·38		—		0·10	31
Total	4·19	1·82	6·08	1·33	2·49	6·61	5·17	7·02	2·27	4·38	4·62	5·10	TOTAL for year 51·88
No. of Rain Days	22	18	26	6	17	26	18	28	9	15	23	25	233.

1,000, IX. '10.

EDWARD STANFORD. 12, 13 & 14, LONG ACRE, W.C.
Waterlow and Sons Limited, Printers, London Wall, London.

Price 2d.

Ex D.J.

REGISTER OF RAINFALL IN 1913

FORM A.
BRITISH RAINFALL.
7 - JAN 1914

Kept at The Gardens, Gawthorpe Hall Burnley
in the County of Lancashire C1
by Jos. Harris Lord Shuttleworth

Lat. 53°.48 N. Long. 2°.18 W.
Nearest Railway Station Padiham
Time of Observation 9 a.m.
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground — ft. 9 in.
" " " Sea Level 316 ft.

NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. Full instructions for the measurement of rain and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.06	Snow 0.03	0.44	0.09	—	—	—	—	—	—	0.09	—	1
2	—	0.32	0.34	—	—	0.12	—	—	—	—	0.18	0.17	2
3	0.07	0.22	0.27	—	0.45	—	—	—	—	—	0.12	0.69	3
4	0.49	0.23	0.13	—	0.05	0.01	—	—	0.02	—	0.05	0.62	4
5	0.26	0.12	0.15	—	—	0.25	0.27	—	—	—	—	—	5
6	0.03	0.32	0.27	—	0.72	0.10	0.19	—	—	—	0.04	0.03	6
7	—	0.17	0.12	—	0.33	0.41	0.06	—	—	0.39	0.13	0.03	7
8	—	0.20	0.07	—	0.11	0.02	—	0.15	0.02	0.10	0.03	0.03	8
9	—	0.21	0.49	0.03	0.04	0.66	0.03	0.38	—	—	0.07	0.36	9
10	Snow 0.05	0.02	0.41	0.17	0.10	0.02	0.03	—	0.06	0.04	0.05	—	10
11	Snow 0.45	—	0.04	Snow 0.23	—	0.11	—	—	—	0.04	0.16	0.06	11
12	Snow 0.10	—	0.59	—	0.05	—	—	—	0.17	—	0.37	—	12
13	—	—	0.19	0.03	—	—	0.07	0.13	0.23	0.10	0.24	—	13
14	0.22	0.02	0.43	0.13	—	—	—	—	0.08	0.22	—	0.09	14
15	0.03	—	0.49	0.87	—	—	0.03	0.22	0.05	—	0.70	0.10	15
16	—	—	0.07	0.13	—	—	0.05	—	—	—	0.36	0.02	16
17	—	—	—	0.20	0.18	0.06	0.30	—	0.02	—	0.31	—	17
18	0.21	—	0.39	0.25	0.15	0.06	0.09	0.10	—	—	0.25	—	18
19	0.25	—	0.03	0.16	0.07	0.12	—	—	0.05	0.11	0.35	—	19
20	0.04	—	0.06	0.04	0.02	—	—		—	0.21	0.76	—	20
21	—	—	0.10	—	0.06	—	0.23	0.23	—	—	—	—	21
22	Snow 0.49	—	0.48	—	0.12	—	—	0.74	0.13	0.02	0.04	—	22
23	0.46	—	0.10	—	1.10	0.25	—	0.72	0.06	—	0.19	0.32	23
24	0.35	—	—	0.05	0.06	0.15	—	0.05	—	—	0.04	0.10	24
25	—	—	—	0.06	—	—	—	—	0.54	0.03	0.06	0.36	25
26	0.03	0.06	0.09	1.10	—	0.02	—	—	0.11	—	—	0.66	26
27	—	—	—	0.80	—	0.02	—	—	—	0.21	0.06	0.13	27
28	0.12	—	0.27	0.36	0.03	—	—	—	—	0.08	0.06	—	28
29	—		0.24	0.79	0.11	—	—	0.13	—	0.03	0.22	Snow 0.03	29
30	0.80		—	—	0.09	—	—	—	—	0.33	0.07	—	30
31	0.36		0.26		0.11		—	—		—		—	31
Total	4.87	1.92	6.52	5.49	3.95	2.38	1.35	2.85	1.54	1.91	5.00	3.80	TOTAL for year 41.58
No. of Rain Days.	20	12	26	18	20	16	11	10	13	14	26	17	203

1,000, I. '12.
EDWARD STAMFORD, 12, 13 & 14, LONG ACRE, W.C.
Waterlow and Sons Limited, Printers, London Wall, London.
Price 2d.

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL
12 JAN 1915

Kept at Gawthorpe Hall Burnley
in the County of Lancashire C 1
by Joseph Harris

Lat. 53·48 N Long. 2·18 W
Time of Observation 9 am
Nearest Railway Station Padiham L&Y.
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground ft. 9 in.
" " " " Sea Level 316 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·03	—	·14	—	—	—	1·48	·45	—	·05	—	·34	1
2	·02	—	·07	·05	—	—	·31	·44	—	·25	·28	·25	2
3	·22	—	·28	—	·40	—	·03	·24	—	—	—	·89	3
4	·32	—	·42	·34	·12	·05	—	·03	—	—	·08	·64	4
5	Snow ·15	—	·66	·21	·10	·16	—	—	—	·02	·30	·47	5
6	—	—	·09	·27	·19	·14	—	·10	—	—	·70	·08	6
7	·07	·12	·20	·07	·19	·11	—	·06	—	—	·03	·28	7
8	1·31	—	·08	·03	·19	·13	—	·23	·02	·03	·07	·13	8
9	·65	·15	—	·11	·02	·65	—	·13	·20	—	·31	·08	9
10	·02	·27	·05	·03	·02	—	—	—	·17	—	·52	·02	10
11	—	·14	·46	—	·12	—	·13	—	·32	—	1·22	·18	11
12	—	·41	·15	—	·11	·02	·19	—	·82	—	·50	·05	12
13	—	—	·20	·06	·02	—	·03	—	·08	·04	·32	·20	13
14	·02	·47	·26	—	—	—	—	—	·19	—	Snow ·35	·30	14
15	—	·07	·39	—	—	—	—	—	·18	—	·09	—	15
16	·02	·03	·06	—	—	—	1·24	—	·73	—	—	—	16
17	·05	·49	snow ·28	—	—	—	·14	—	·41	—	—	·64	17
18	·01	·25	·05	—	—	·35	—	—	·04	—	—	·09	18
19		·06	·11	—	—	—	·05	—	·10	—	—	·23	19
20	—	·76	·06	—	—	—	—	—	—	—	·04	·02	20
21	—	·22	—	·09	—	·13	—	·15	—	·06	—	·04	21
22	—	·32	·03	·15	·28	·42	—	·04	—	·02		—	22
23	—	·05	·12	·10	·23	·14	·10	—	—	—	—	·06	23
24	·07	·01	·57		·11	·06	·80	·46	—	—	·24	·02	24
25	·09	—	—	—	—	—	·30	·11	—	·80	—	·42	25
26	·03	—	·03	—	—	—	·06	—	·03	·35	·55	·27	26
27	·09	—	—	—	—	·03	—	—	·05	·51	·48	Snow + rain ·87	27
28	·11	·20	·21	—	·05	—	·15	—	·02	·09	·38	·12	28
29	·08	—	·05	—	·09	—	—	·03	—	·14	·22	—	29
30	—	X	·41	—	—	—	—	·11	—	—	·25	·35	30
31	·46	X	·41	X	·01	X	·27	—	X	·05	X	—	31
Total	3·82	3·42	5·73	1·51	2·25	2·39	5·28	2·58	3·36	2·41	6·93	7·04	YEAR'S TOTAL 46·72
Rain Days.	20	17	27	12	17	13	15	14	15	13	20	26	209

W. 8,000. X. 14.

3129

FORM A.
BRITISH RAINFALL

8 - JAN 1916

REGISTER OF RAINFALL IN 1915.

Kept at The Gardens Gawthorpe Hall
in the County of Lancashire C
by Jos Harris

Lat. .... Long. ....
Time of Observation 9 a.m.
Nearest Railway Station Padiham
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground — ft. 9 in.
" " " " Sea Level 316 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0.25	0.36	0.03	—	0.25	—	0.19	0.66	0.25	—	0.02	0.02	1
2	—	0.53	0.36	0.30	—	0.06	0.46	0.45	—	0.04	—	—	2
3	0.45	0.05	0.17	0.58	—	—	0.45	0.05	0.03	—	0.02	0.44	3
4	—	0.17	0.03	—	0.14	0.11	0.16	—	—	—	—	0.48	4
5	0.23	0.60	0.36	—	—	0.03	0.57	0.04	—	—	—	0.80	5
6	0.30	0.11	0.06	0.37	—	—	0.47	0.08	—	—	0.04	0.37	6
7	0.95	0.70	—	0.26	—	—	—	0.90	—	—	—	0.41	7
8	0.44	0.13	—	0.28	—	—	—	0.11	—	—	0.57	—	8
9	0.03	0.11	—	0.11	—	—	0.03	0.03	—	0.06	0.35	Snow 0.35	9
10	0.66	—	0.23	0.04	—	—	0.04	0.08	—	—	—	0.31	10
11	0.23	—	—	—	0.77	—	0.27	0.63	—	—	0.11	Snow 0.41	11
12	0.28	0.10	—	0.16	0.04	—	0.10	0.07	—	0.34	0.54	—	12
13	0.33	0.33	0.03	—	—	—	0.06	0.19	0.06	—	—	0.10	13
14	0.21	—	—	0.10	—	—	0.23	0.22	0.10	0.05	—	0.08	14
15	1.42	—	—	0.12	—	—	0.05	0.03	0.03	—	Snow 0.36	0.16	15
16	—	0.85	—	0.04	0.16	—	0.87	0.92	—	—	—	—	16
17	—	0.33	0.05	0.04	—	—	0.03	—	—	—	—	—	17
18	0.07	0.47	Snow 0.19	—	—	—	—	—	—	0.03	0.04	—	18
19	0.04	0.10	0.12	0.13	0.09	—	0.26	—	—	—	—	—	19
20	0.44	0.05	0.05	—	—	—	0.16	0.06	—	—	—	0.41	20
21	0.07	Snow 0.08	—	0.05	—	—	0.13	—	—	—	—	0.18	21
22	0.06	—	0.09	—	—	—	0.10	—	—	—	0.02	0.32	22
23	—	—	0.10	0.02	—	0.10	0.04	—	0.03	0.17	—	0.24	23
24	—	—	0.17	0.04	—	—	0.05	—	0.47	0.05	—	0.25	24
25	—	—	—	—	—	0.12	—	—	0.19	—	—	0.20	25
26	—	0.52	—	—	—	0.22	0.48	—	0.03	—	—	0.36	26
27	—	0.13	—	—	—	0.09	0.28	—	—	0.40	—	0.22	27
28	—	0.27	—	—	0.05	0.14	0.04	0.47	—	0.28	—	—	28
29	—	—	—	—	0.13	0.12	—	—	—	—	0.12	0.22	29
30	Snow 0.21	✕	—	0.19	—	0.11	—	0.06	—	—	—	0.04	30
31	0.25	✕		✕		✕		0.37	✕	0.02	✕	0.42	31
Total	6.92	5.99	2.04	2.83	1.63	1.10	5.52	5.42	1.19	1.44	2.19	6.79	YEAR'S TOTAL 43.06
Rain Days.	20	20	15	17	8	10	24	19	9	10	11	23	186

W. 8,000. X. 15.

3056

FORM A.
BRITISH RAINFALL.

30 JAN 191

REGISTER OF RAINFALL IN 1916.

Kept at The Gardens, Gawthorpe Hall

in the County of Lancashire

by Joseph Harris

Lat. 53° 48′ Long. 2° 18′

Time of Observation 9 a.m.

Nearest Railway Station Padiham

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground — ft. 9 in.

" " " " Sea Level 316 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0.33	0.04	0.07	—	—	0.17	0.45	—	—	—	0.04	—	1
2	0.07	0.17	0.09	—	—	0.10	—	—	0.19	0.15	0.09	0.03	2
3	—	0.11	—	0.06	—	0.05	0.35	—	0.98	0.16	0.31	—	3
4	0.12	0.14	—	—	0.40	0.62	—	—	0.03	0.51	0.29	—	4
5	0.31	0.37	—	—	0.10	0.08	—	—	—	0.62	0.61	—	5
6	1.07	0.37	snow 0.02	—	0.20	0.08	—	—	—	0.20	0.51	0.09	6
7	0.26	0.13	snow 0.03	—	0.41	0.07	0.33	—	—	0.30	0.10	0.45	7
8	0.03	0.12	snow 0.07	0.03	0.02	0.12	0.09	—	—	0.10	0.22	0.04	8
9	0.06	—	snow 0.02	—	0.36	0.70	—	—	0.03	—	0.21	0.15	9
10	0.12	0.14	—	0.23	—	0.40	0.15	—	—	0.80	0.04	—	10
11	0.07	snow+rain 0.55	Snow+rain 0.08	0.65	—	0.04	0.12	—	0.20	—	0.02	snow 0.14	11
12	0.28	0.24	Snow+rain 0.07	0.11	0.30	—	0.62	—	0.05	0.29	0.04	—	12
13	—	0.04	0.03	snow+rain 0.38	—	—	—	0.10	—	1.36	—	snow 0.15	13
14	0.11	Snow+Rain 0.24	—	0.21	0.67	—	—	0.48	0.13	0.28	—	—	14
15	0.03	0.25	0.16	0.04	—	—	0.08	0.70	0.12	0.15	—	—	15
16	0.05	snow+rain 0.31	0.55	0.17	—	—	0.27	0.83	0.02	0.03	—	—	16
17	0.08	snow+rain 0.16	—	0.74	—	—	0.08	0.28	0.64	0.16	—	0.02	17
18	—	0.62	—	0.12	—	—	—	0.95	0.32	0.17	Snow+rain 0.29	snow 0.16	18
19	0.30	0.03	0.26	0.31	—	—	—	0.17	0.04	—	0.07	—	19
20	0.35	—	0.14	0.28	—	—	—	0.12	—	—	0.06	0.13	20
21	0.56	—	—	0.02	0.11	—	0.02	0.04	—	—	—	—	21
22	—	—	—	—	0.02	0.05	—	—	—	0.26	—	0.03	22
23	0.07	—	snow 0.03	0.15	—	—	—	—	—	—	0.23	snow 0.24	23
24	—	Snow 0.11	snow 0.11	0.02	—	0.08	—	0.03	—	0.09	—	0.06	24
25	0.07	snow 0.03	snow+rain 0.29	—	0.09	0.02	—	0.33	—	0.07	0.46	0.04	25
26	0.10	snow 0.05	snow 0.23	—	—	—	—	0.42	—	0.05	0.07	—	26
27	—	snow 0.15	—	—	—	—	—	—	—	0.60	0.02	0.03	27
28	—	0.12	snow 0.03	0.05	—	0.02	—	0.08	—	1.49	0.03	0.95	28
29	—	0.06	—	—	—	0.18	0.04	—	—	0.49	—	0.69	29
30	—	✕	—	—	—	0.03	0.05	—	—	0.84	—	0.15	30
31	—	✕	—	✕	0.10	✕	—	0.08	✕	0.24	✕	0.51	31
Total	4.44	4.55	2.28	3.57	2.78	2.81	2.65	4.61	2.75	9.41	3.71	4.06	YEAR'S TOTAL 47.62
Rain Days.	21	24	18	17	12	17	13	14	12	24	20	19	211

W. 8,000, VIII. 16

2910

REGISTER OF RAINFALL IN 1917

FORM A.
BRITISH RAINFALL
12 JAN 1918

Kept at The Gardens, Gawthorpe Hall

in the County of Lancashire

by Joseph Harris

Lat. 53·48 Long. 2·18

Time of Observation 9 a.m.

Nearest Railway Station Padiham

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground – ft. 9 in.

" " " " Sea Level 316 ft.

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Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0·16	—	—	snow 0·02	—	0·35	—	—	0·24	—	0·20	0·23	1
2	0·84	—	—	snow 0·10	—	0·16	—	0·02	—	0·09	—	—	2
3	0·10	snow 0·19	—	0·04	—	0·32	—	—	—	0·38	0·08	0·04	3
4	—	—	snow 0·15	—	—	—	—	—	—	0·40	—	—	4
5	0·24	—	snow 0·14	snow 0·17	—	—	—	—	0·02	0·14	0·24	0·12	5
6	0·02	—	—	—	—	0·25	—	—	—	0·52	0·50	0·22	6
7	snow 0·54	—	—	—	—	0·20	—	—	—	0·70	0·13	0·10	7
8	0·19	—	—	0·32	—	0·12	—	—	0·08	0·90	0·21	0·25	8
9	—	—	snow 0·06	snow 0·09	—	—	—	0·20	—	0·11	0·40	—	9
10	0·28	—	0·85	snow 0·34	0·10	—	—	0·07	—	0·05	—	—	10
11	0·11	snow 0·06	—	snow 0·02	0·02	—	—	0·04	—	0·47	0·02	0·02	11
12	0·02	—	0·02	0·01	0·35	—	—	0·49	0·01	0·52	—	0·09	12
13	snow 0·03	—	—	0·20	—	—	—	0·02	0·61	0·02	0·06	0·48	13
14	snow 0·12	—	—	snow 0·26	0·02	—	—	0·09	—	—	—	0·34	14
15	snow 0·03	—	—	snow 0·05	—	—	0·80	0·12	0·49	0·05	—	0·31	15
16	snow 0·02	0·05	0·02	snow 0·36	—	—	—	0·25	0·02	—	0·03	0·20	16
17	—	0·11	0·13	snow 0·26	0·11	—	0·17	0·76	0·02	0·20	0·03	—	17
18	—	—	0·12	0·03	0·05	—	0·62	0·37	0·33	0·19	—	0·02	18
19	snow 0·04	0·23	0·36	0·02	0·54	0·17	—	0·05	—	—	—	—	19
20	—	0·15	0·02	—	0·20	0·31	—	0·02	0·14	—	0·57	—	20
21	—	0·02	snow 0·10	—	0·09	0·02	—	0·19	—	0·04	0·03	—	21
22	—	—	—	—	—	—	—	0·33	0·15	0·45	0·15	—	22
23	—	0·04	—	—	0·10	0·60	0·15	0·~~07~~ 12	0·09	0·16	0·02	—	23
24	—	0·01	—	—	—	0·05	0·10	0·~~64~~ 31	—	0·93	0·34	0·10	24
25	—	0·11	0·09	—	—	—	—	0·~~63~~ 07	—	0·23	0·05	0·07	25
26	—	—	0·02	—	—	0·29	—	0·~~60~~ 64	0·23	snow 0·45	1·26	—	26
27	—	—	0·04	—	0·20	—	0·46	0·~~34~~ 63	—	snow 0·31	0·12	—	27
28	—	0·14	0·28	—	—	—	—	0·~~07~~ 40	—	0·11	0·04	0·03	28
29	—	—	0·08	—	—	—	0·15	0·34	—	0·58	0·10	—	29
30	0·03	✕	0·22	—	—	—	—	0·07	—	0·14	0·13	0·06	30
31	—	✕	snow 0·40	✕	—	✕	—	0·19	✕	—	✕	—	31
Total	2·77	1·11	3·10	2·29	1·78	2·84	2·45	5·79	2·43	8·14	4·71	2·68	YEAR'S TOTAL 40·09
Rain Days.	16	11	18	16	11	12	7	24	13	25	22	17	192

W. 8,000, IX. 17.

38

FORM A.
BRITISH RAINFALL.
8 · I · 19

REGISTER OF RAINFALL IN 1918

Kept at Gawthorpe Hall, Burnley
in the County of Lancaster
by Joseph Harris

Lat. 53·48 Long. 2·18
Time of Observation 9 a.m.
Nearest Railway Station Padiham
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground ft. 9 in.
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Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	0·13	—	0·02	—	—	—	—	0·65	0·13	0·50	0·42	1
2	—	0·06	—	—	—	—	—	—	0·29	0·10	—	0·40	2
3	—	0·04	—	—	0·59	—	—	0·03	0·03	0·49	0·05	0·04	3
4	0·14	—	—	—	0·03	—	—	0·10	0·52	0·31	0·73	0·13	4
5	—	0·02	0·05	—	0·16	—	—	0·60	0·05	0·59	0·17	—	5
6	0·11	1·13	—	0·60	—	0·30	—	0·12	0·32	0·25	—	0·04	6
7	—	0·15	—	0·14	0·03	—	—	0·03	0·06	0·21	0·47	—	7
8	snow 0·20	0·12	snow 0·10	—	—	—	0·29	0·05	1·03	0·15	0·07	0·04	8
9	0·28	0·63	—	—	—	0·29	0·08	—	1·00	0·48	0·03	0·07	9
10	0·08	1·23	—	—	—	—	1·50	—	0·30	0·15	0·41	0·01	10
11	snow & rain 0·26	0·25	—	0·03	0·08	—	0·10	0·02	0·40	—	—	0·21	11
12	snow 0·12	0·40	—	0·06	0·02	—	0·03	—	0·33	0·06	—	0·34	12
13	snow 0·11	—	—	—	0·12	0·02	—	—	0·24	0·30	—	—	13
14	snow & rain 0·51	—	—	—	—	0·10	0·23	—	0·65	0·10	—	0·36	14
15	snow 0·10	—	—	—	—	0·14	0·41	—	1·81	—	—	0·61	15
16	snow 0·02	—	—	—	—	0·28	0·18	0·23	0·25	0·02	—	0·36	16
17	snow & rain 0·22	—	—	—	—	0·01	0·21	0·13	0·10	0·31	—	0·37	17
18	0·42	—	0·10	—	—	0·02	0·43	0·02	0·43	—	—	snow & rain 0·47	18
19	0·17	0·07	0·11	snow 0·09	—	—	0·31	0·43	0·54	0·07	—	snow & rain 0·45	19
20	0·14	0·60	—	0·10	—	0·09	0·12	0·02	0·19	—	—	—	20
21	0·28	0·45	—	—	0·19	0·18	—	—	0·44	0·01	—	0·03	21
22	0·08	0·03	—	—	0·26	0·14	0·08	—	0·27	—	—	1·05	22
23	0·04	—	—	—	0·14	—	0·34	—	0·15	—	0·11	—	23
24	0·03	0·17	—	—	—	—	0·28	0·10	0·09	0·07	0·07	0·12	24
25	—	—	—	—	0·10	0·75	0·18	0·44	0·23	0·02	—	—	25
26	—	0·06	—	—	—	—	0·05	0·10	0·41	0·06	0·44	0·12	26
27	—	snow & rain 0·22	0·55	—	—	0·08	—	0·50	0·85	0·07	0·16	0·68	27
28	—	0·07	0·27	—	—	—	—	0·10	0·05	—	0·08	1·04	28
29	—	X	—	—	—	—	—	0·03	0·03	—	—	0·37	29
30	—	X	0·14	—	—	—	—	0·30	0·02	0·04	0·10	0·18	30
31	—	X	0·22	X	—	X	—	0·19	X	—	X	—	31
Total	3·31	5·83	1·54	1·04	1·72	2·40	4·82	3·54	11·73	3·99	3·39	7·91	YEAR'S TOTAL 51·22
Rain Days.	19	19	8	7	11	13	17	20	30	22	14	24	204

W. 6,500, VII. 18. w w c

2751

FORM A.
BRITISH RAINFALL.

14 JAN 20

REGISTER OF RAINFALL IN 1919

6X. 1188

Kept at The Gardens, Gawthorpe Hall
in the County of Lancashire
by Joseph Harris

Lat. 53·48 Long. 2·18
Time of Observation 9 a.m
Nearest Railway Station Padiham, 1 mile.
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground — ft. 9 in.
" " " " Sea Level 316 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0·71	—	0·03	—	0·57	—	0·42	0·20	0·42	0·30	0·02	0·18	1
2	0·22	—	0·23	—	0·05	—	0·14	0·11	0·07	0·03	—	0·17	2
3	snow 0·75	—	—	—	0·11	0·15	0·47	—	0·11	—	0·08	0·30	3
4	snow 0·35	—	snow 0·33	—	—	0·02	0·10	0·16	0·01	—	0·03	0·14	4
5	0·06	—	—	0·05	0·04	—	—	—	0·07	0·03	—	0·25	5
6	0·08	—	0·59	—	0·48	—	—	—	—	—	0·04	0·12	6
7	0·06	—	0·28	0·03	—	—	—	—	0·06	—	0·13	—	7
8	0·25	—	0·02	0·02	0·02	0·04	—	—	—	—	—	—	8
9	0·61	—	0·09	—	—	0·02	—	—	—	—	—	—	9
10	—	—	snow 1·03	0·30	0·06	—	—	—	—	0·02	snow 0·04	0·20	10
11	—	—	0·98	0·29	0·30	—	0·10	—	—	0·02	—	0·02	11
12	—	—	snow 0·45	0·07	—	0·04	0·16	—	0·02	0·05	snow 0·13	—	12
13	0·19	—	—	0·51	—	0·03	0·06	0·06	—	0·41	—	0·08	13
14	0·28	0·12	—	0·23	—	—	—	0·06	—	—	—	—	14
15	0·32	0·18	—	0·05	—	—	—	0·06	—	—	snow 0·03	0·49	15
16	0·11	0·03	—	0·13	—	0·04	—	—	—	—	0·20	—	16
17	0·02	—	—	0·20	0·04	0·17	—	0·35	—	—	0·92	—	17
18	—	0·29	snow 0·43	—	—	—	—	0·20	0·22	—	0·05	0·42	18
19	0·03	0·10	snow 0·65	—	—	0·20	0·24	0·08	0·04	—	snow 0·32	0·08	19
20	0·30	0·30	snow 0·04	—	—	0·25	0·07	0·08	0·01	—	snow 0·27	0·68	20
21	0·04	0·15	—	—	—	0·08	0·23	—	0·04	—	0·06	0·20	21
22	—	—	—	—	—	0·08	—	0·17	0·38	—	0·27	0·83	22
23	—	—	—	—	—	0·13	—	0·08	—	0·90	0·10	0·12	23
24	—	—	—	0·16	—	—	—	—	0·58	0·15	0·31	snow 0·91	24
25	0·14	—	—	0·29	0·11	0·08	—	0·65	0·16	—	0·24	—	25
26	snow 0·20	0·04	0·72	snow 0·16	—	0·07	—	0·68	0·22	—	snow 0·08	0·62	26
27	0·18	snow 0·06	—	snow 0·21	—	—	—	0·44	0·01	—	0·04	0·02	27
28	—	—	—	0·03	—	0·02	—	0·60	—	0·08	—	0·37	28
29	0·05	X	—	—	—	—	—	0·11	—	0·33	—	0·21	29
30	—	X	0·13	0·16	—	—	—	—	—	0·10	0·62	0·36	30
31	—	X	snow 0·03	X	—	X	0·35	—	X	0·02	X	0·02	31
Total	4·95	1·27	6·03	2·89	1·78	1·42	2·34	4·09	2·42	2·44	3·98	6·79	YEAR'S TOTAL 40·40
Rain Days.	21	9	16	17	10	16	11	17	16	13	21	23	190

W. 7,500, XI. ·12

2635

8 JAN 1921

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at The Gardens, Gawthorpe Hall
in the County of Lancaster
by Joseph Harris

Lat. 53.48 N Long. 2.18
Time of Observation 9 a.m
Nearest Railway Station Padiham
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground - ft. 9 in.
" " " Sea Level 316 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.03	—	0.07	—	0.44	—	0.26	0.11	0.28	0.05	0.06	0.13	1
2	—	—	—	0.07	0.03	—	0.20	0.07	0.47	0.12	—	0.32	2
3	0.02	0.11	0.11	0.04	0.05	—	0.23	0.09	0.26	0.27	—	0.26	3
4	—	—	—	0.16	0.02	—	0.15	0.65	0.07	0.57	—	0.03	4
5	—	—	0.07	—	0.54	—	0.21	0.21	0.26	0.29	—	—	5
6	—	—	Snow & Rain 0.48	0.19	0.24	—	0.02	—	—	—	0.07	0.06	6
7	0.20	0.08	Snow & Rain 0.15	0.07	0.12	—	0.32	—	0.04	—	—	—	7
8	0.17	—	—	0.33	0.15	—	0.15	0.27	—	—	—	—	8
9	0.33	1.71	0.03	0.31	—	—	0.09	0.02	0.06	—	0.05	—	9
10	1.00	0.51	—	0.10	—	—	0.34	0.02	—	—	—	0.06	10
11	0.17	0.27	0.09	—	0.21	0.23	—	—	—	—	—	Snow 0.04	11
12	0.14	0.11	0.31	0.31	0.15	0.16	0.12	—	—	—	0.30	Snow 0.05	12
13	Snow & Rain 0.24	0.09	Snow & Rain 0.29	0.04	0.04	0.31	0.09	—	—	—	0.27	Snow 0.07	13
14	0.02	0.25	Snow & Rain 0.14	0.23	—	0.32	0.09	—	0.29	0.11	0.60	—	14
15	—	0.09	0.04	0.32	—	—	—	—	0.03	0.06	0.06	—	15
16	—	—	0.10	0.06	0.19	—	0.62	—	0.18	—	0.25	—	16
17	0.09	—	0.07	—	0.16	—	0.02	0.39	0.19	—	—	—	17
18	0.30	—	—	0.07	0.89	—	—	—	0.04	—	—	—	18
19	0.08	Snow & Rain 0.45	—	0.13	0.51	0.11	0.03	0.08	0.09	—	—	—	19
20	0.20	—	—	0.24	—	—	0.23	—	0.12	—	—	0.06	20
21	—	—	—	—	—	—	0.62	0.04	—	—	—	0.18	21
22	0.14	—	—	0.36	—	0.06	0.33	0.08	—	—	—	0.22	22
23	—	—	0.04	0.11	—	—	0.26	—	—	—	—	0.23	23
24	0.10	—	0.58	0.10	—	—	0.15	—	—	—	—	0.16	24
25	—	0.11	0.19	0.31	—	0.06	0.70	—	—	—	—	0.02	25
26	0.11	0.15	0.55	0.51	0.28	—	0.05	—	—	—	—	—	26
27	Snow & Rain 0.24	—	0.14	0.11	0.29	0.76	—	—	—	—	0.17	0.03	27
28	Snow & Rain 0.49	0.06	0.45	0.32	—	0.03	0.04	—	—	—	—	0.19	28
29	0.20	—	0.40	0.12	1.05	0.03	0.35	—	—	—	0.16	0.36	29
30	0.28	X	0.06	0.02	0.11	0.16	—	—	0.25	—	0.15	0.35	30
31	0.26	X	—	X	0.09	X	—	—	X	0.14	X	0.13	31
TOTAL	4.81	3.99	4.36	4.63	5.56	2.23	5.67	2.03	2.63	1.61	2.14	2.95	YEAR'S TOTAL 42.61
Days with ·01 in. or more	22	13	21	25	20	11	25	12	15	8	11	20	203
Days with ·04 in. or more	19	13	20	24	18	9	22	10	14	8	11	17	185

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

2971 PAPIHAM

HUNTROYDE.

PADIHAM

1912 - 20

1912

FORM A2. BRITISH RAINFALL. 2 JAN 1913

Snowden

Kept at Hunt

in the County of

by E. J.

f top 5 in.

p above Ground ft. in.

„ Sea Level 423 ft.

9 a.m.

ation { Name Padiham
Distance 2030 yds Direction S.E.

IMPORTANT , and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	–	–	·24	–	–	·09	·18	·05	·51	·01	·03	·49	1
2	·04	·04	·36	·13	·18	·17	·41	–	·14	–	·01	·14	2
3	·49	–	·04	–	–	·46	–	·35	·67	–	·01	·18	3
4	·40	–	·74	·59	·03	·53	–	·91	·01	–	·66	–	4
5	·24	–	·04	–	·36	·27	–	·18	·25	·01	·01	–	5
6	·30	·13	–	–	·10	–	–	·42	–	–	·01	–	6
7	–	·11	–	·06	·27	·02	·19	·01	·42	–	·10	·01	7
8	·40	·25	·16	·16	·03	·09	–	·06	·11	–	·20	–	8
9	·10	·02	·32	·30	–	·20	–	·08	–	–	·06	·12	9
10	·16	–	·02	·13	·04	·13	–	·01	–	–	·91	–	10
11	·05	–	–	–	·02	–	·03	·02	–	–	·01	·56	11
12	·06	·14	·26	–	–	1·17	–	–	–	–	–	–	12
13	–	–	·01	–	–	–	–	·41	–	·28	·04	·48	13
14	·12	–	·73	–	–	·34	–	·25	·02	–	–	·44	14
15	·25	·10	·06	–	·41	·40	–	·09	–	–	–	·12	15
16	·39	·02	·08	–	·04	·18	–	·04	–	·22	·04	·04	16
17	·15	·26	·20	–	·03	1·22	–	·33	–	–	·15	·74	17
18	·11	·02	·06	–	–	·13	–	·21	–	·67	·08	·14	18
19	·01	·05	·74	–	–	·01	·03	·18	–	·40	·23	–	19
20	·11	–	·17	–	·26	·05	·01	·21	–	·35	·02	·03	20
21	–	–	·24	–	·08	–	·02	·11	–	·27	·01	·19	21
22	·03	·12	–	–	·47	–	·06	·67	–	–	·01	·02	22
23	–	–	·16	–	–	·02	·56	·90	–	–	·49	·02	23
24	·07	·02	·07	–	·15	·20	·01	·19	–	·02	·29	·17	24
25	–	–	·03	–	–	·37	·35	·02	–	·01	·70	·13	25
26	–	·17	·17	–	–	·03	·25	·29	–	1·23	·43	·21	26
27	–	·12	·71	–	–	·30	·65	–	–	·31	·02	·09	27
28	–	·04	–	–	·01	·21	·40	·44	–	·30	·22	·04	28
29	–	·03	·09	–	–	·06	·79	·12	·27	·17	–	·24	29
30	·04		·46	–	·04	·19	·15	–	–	·05	–	·02	30
31	–		·08		·36		1·33	·35		·01		·11	31
Total	3·52	1·64	6·24	1·37	2·88	6·84	5·42	6·90	2·40	4·31	4·74	4·73	TOTAL for year 50·99
No. of Rain Days.	20	17	26	6	18	25	17	27	9	16	25	24	230

W, 8,000, X. '11.

1912

Snowdon

FORM A2.
BRITISH RAINFALL.
2 JAN 1913

Kept at Huntroyde

in the County of Lancaster C 1

by E. J. [illegible]

RAIN GAUGE: Diameter of top 5 in.
Height of top above Ground ft. in.
" " " Sea Level 423 ft.

Time of Observation 9 a.m.

Nearest Railway Station: Name Padiham
Distance 2030 yds Direction S.E.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	–	–	·24	–	–	·09	·18	·05	·51	·01	·03	·49	1
2	·04	·04	·36	·13	·18	·17	·41	–	·14	–	·01	·14	2
3	·49	–	·04	–	–	·46	–	·35	·67	–	·01	·18	3
4	·40	–	·74	·59	·03	·53	–	·91	·01	–	·66	–	4
5	·24	–	·04	–	·36	·27	–	·18	·25	·01	·01	–	5
6	·30	·13	–	–	·10	–	–	·42	–	–	·01	–	6
7	–	·11	–	·06	·27	·02	·19	·01	·42	–	·10	·01	7
8	·40	·25	·16	·16	·03	·09	–	·06	·11	–	·20	–	8
9	·10	·02	·32	·30	–	·20	–	·08	–	–	·06	·12	9
10	·16	–	·02	·13	·04	·13	–	·01	–	–	·91	–	10
11	·05	–	–	–	·02	–	·03	·02	–	–	·01	·56	11
12	·06	·14	·26	–	–	1·17	–	–	–	–	–	–	12
13	–	–	·01	–	–	–	–	·41	–	·28	·04	·48	13
14	·12	–	·73	–	–	·34	–	·25	·02	–	–	·44	14
15	·25	·10	·06	–	·41	·40	–	·09	–	–	–	·12	15
16	·39	·02	·08	–	·04	·18	–	·04	–	·22	·04	·04	16
17	·15	·26	·20	–	·03	1·22	–	·33	–	–	·15	·74	17
18	·11	·02	·06	–	–	·13	–	·21	–	·67	·08	·14	18
19	·01	·05	·74	–	–	·01	·03	·18	–	·40	·23	–	19
20	·11	–	·17	–	·26	·05	·01	·21	–	·35	·02	·03	20
21	–	–	·24	–	·08	–	·02	·11	–	·27	·01	·19	21
22	·03	·12	–	–	·47	–	·06	·67	–	–	·01	·02	22
23	–	–	·16	–	–	·02	·56	·90	–	–	·49	·02	23
24	·07	·02	·07	–	·15	·20	·01	·19	–	·02	·29	·17	24
25	–	–	·03	–	–	·37	·35	·02	–	·01	·70	·13	25
26	–	·17	·17	–	–	·03	·25	·29	–	1·23	·43	·21	26
27	–	·12	·71	–	–	·30	·65	–	–	·31	·02	·09	27
28	–	·04	–	–	·01	·21	·40	·44	–	·30	·22	·04	28
29	–	·03	·09	–	–	·06	·79	·12	·27	·17	–	·24	29
30	·04		·46	–	·04	·19	·15	–	–	·05	–	·02	30
31	–		·08		·36		1·33	·35		·01		·11	31
Total	3·52	1·6~~5~~4	6·24	1·37	2·88	6·84	5·42	6·90	2·40	4·31	4·74	4·73	TOTAL for year 50·99
No. of Rain Days.	20	17	26	6	18	25	17	27	9	16	25	24	230

W. 8,000, X. '11.

REGISTER OF RAINFALL IN 1913

FORM A.
BRITISH RAINFALL.
6 - JAN 1914

C1

Kept at Huntroyde

in the County of Lancaster

by

Lat. Long.

Time of Observation 9 a.m.

Nearest Railway Station Padiham

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 423 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·08	·04	·22	·12	–	–	–	–	–	–	·09	–	1
2	–	·18	·43	–	–	·11	–	–	–	–	·14	·19	2
3	·13	·20	·29	–	·43	–	–	–	–	–	·12	·63	3
4	·40	·21	·11	–	·03	–	·02	–	·02	–	·02	·56	4
5	·26	·10	·11	–	–	·29	·21	–	–	–	·01	–	5
6	·03	·28	·20	–	·67	·10	·23	–	–	–	·14	·02	6
7	–	·31	·07	–	·22	·35	·01	–	–	·52	–	·03	7
8	–	·17	·11	–	·09	·05	–	·22	–	·06	·17	·04	8
9	–	·24	·45	·02	·01	·76	·02	·12	–	–	·05	·26	9
10	·06	–	·46	·13	·10	·03	·03	–	·05	·01	·03	–	10
11	·65	·01	·01	·22	·02	·10	–	–	–	·03	·12	·08	11
12	·05	–	·01	–	–	–	·02	–	·17	–	·44	·01	12
13	–	–	·69	·01	–	–	·08	·14	·20	·05	·20	–	13
14	·12	–	·27	·14	–	–	·01	–	·01	·27	·21	·08	14
15	·03	–	·33	·62	–	–	·03	·22	·02	–	·55	·08	15
16	–	–	·04	·15	–	–	·02	–	–	–	·40	·01	16
17	–	–	–	·21	·17	·07	·32	–	·01	–	·21	–	17
18	·17	–	·36	·23	·14	·05	·08	–	–	–	·32	–	18
19	·16	–	·02	·12	·11	·16	–	–	·01	·07	·41	–	19
20	·04	–	·08	·03	·03	–	–	–	·01	·21	·87	–	20
21	–	–	·09	–	08	–	·21	·21	–	–	·02	–	21
22	·60	–	·51	–	15	–	–	·65	·14	–	·01	–	22
23	·52	–	·07	–	1·16	·34	–	·46	·08	–	·15	·29	23
24	·44	·03	–	·03	·07	·12	–	·05	–	–	·02	·17	24
25	–	–	–	·03	–	–	–	–	·56	·03	·14	·41	25
26	–	·02	·05	1·42	–	·02	–	–	·16	·01	–	·66	26
27	–	–	–	·60	–	·01	–	–	–	·17	·05	·16	27
28	·14	–	·21	·35	–	–	–	–	–	·10	·06	·02	28
29	–	–	·21	·75	·09	–	–	·12	–	·02	·22	–	29
30	·76		·01	–	–	–	–	–	–	·35	·04	–	30
31	·22		·32		·23		–	–		–		–	31
Total	4·86	1·79	5·73	5·18	3·80	2·56	1·29	2·19	1·44	1·90	5·21	3·70	YEAR'S TOTAL 39.65
Rain Days.	19	12	27	18	18	15	14	9	13	14	28	18	205

W.7,000, XI. 13

FORM A.
BRITISH RAINFALL.
5 - JAN 1915

REGISTER OF RAINFALL IN 1914

Kept at Huntroyde

in the County of Lancaster

by

Lat. Long.

Time of Observation 9 a.m.

Nearest Railway Station Padiham

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 423 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·01	·01	·09	–	–	·04	1·10	·44	–	·04	–	·29	1
2	·03	–	·05	–	–	–	·29	·55	–	·18	·26	·19	2
3	·22	–	·31	·03	·42	–	·02	·29	–	·10	·01	·86	3
4	·29	–	·45	·30	·14	–	–	·02	–	–	·05	·54	4
5	·09	–	·68	·22	·08	·19	·01	–	–	·01	·24	·48	5
6	–	–	·06	·23	·25	·14	–	·03	–	–	·73	·08	6
7	·05	·05	·20	·09	·21	·06	–	·05	–	–	·03	·23	7
8	1·46	–	·11	·03	·18	·14	–	·21	·10	·02	·13	·07	8
9	·71	·15	–	·11	·01	·71	–	·22	·01	–	·38	–	9
10	·04	·20	·01	·04	·01	–	–	–	·09	–	·29	–	10
11	–	·08	·33	–	·06	–	·23	–	·32	–	1·37	·20	11
12	–	·46	·19	–	·11	–	·14	–	·78	–	·53	·05	12
13	–	·19	·11	·04	·02	–	·03	–	·11	·06	·33	·15	13
14	·03	·32	·20	–	–	–	–	–	·09	–	·27	·33	14
15	–	·08	·40	–	–	–	–	–	·11	–	·24	·01	15
16	·01	–	·05	–	–	–	1·32	–	·77	–	–	·01	16
17	·03	·46	·15	–	–	–	·20	–	·43	–	–	·73	17
18	·02	·28	·08	–	–	·12	·02	–	·02	·02	–	·05	18
19	–	·06	·03	–	–	–	·02	–	·07	–	·02	·26	19
20	–	·13	·04	–	·01	–	–	–	–	–	–	·04	20
21	–	·20	·01	–	–	·08	·04	·13	–	·03	·01	·07	21
22	–	·21	·02	·06	·09	·53	–	·05	–	·01	–	–	22
23	–	·01	·11	·15	·21	·12	·06	–	–	–	–	·03	23
24	·06	–	·63	·12	·09	·06	·76	·48	–	–	·19	–	24
25	·09	·01	·01	–	–	–	·25	·10	–	·70	·06	·44	25
26	·02	–	·01	–	–	–	·04	–	–	·35	·58	·31	26
27	·07	–	–	–	–	·01	–	–	·03	·52	·55	·74	27
28	·12	·17	·09	–	·03	·03	·36	–	·02	·07	·44	·16	28
29	·11		·05	–	·09	–	–	·03	–	·13	·17	·01	29
30	–		·41	–	–	–	–	·05	–	·02	·27	·26	30
31	·48		·38		·01		·29	–		·05		–	31
Total	3·94	3·07	5·26	1·42	2·02	2·23	5·18	2·65	2·95	2·31	7·15	6·59	YEAR'S TOTAL 44·77
Rain Days.	20	18	29	12	18	13	18	14	14	16	23	26	221

W. 7,500, XI. 12

3130

REGISTER OF RAINFALL IN 1915

FORM A. BRITISH RAINFALL.

6. JAN 1916

Kept at Huntroyde

in the County of Lancaster

by

Lat. Long.

Time of Observation 9.a.m.

Nearest Railway Station Padiham

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 423 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·21	·44	·03		·31		·19	·49	·28				1
2	·01	·54	·42	·25		·04	·73	·35		·01			2
3	·61	·03	·19	·70			·55	·03				·39	3
4		·21	·04		·15	·11	·11					·85	4
5	·19	·51	·42		·01	·05		·04				·59	5
6	·30	·08	·06	·30			·47	·15			·02	·31	6
7	·92	·57	·01	·26			·41	·88				·32	7
8	·52	·14		·25				·12			·54		8
9	·02	·06		·12				·07			·32	·53	9
10	·51		·24	·03			·05	·08				·30	10
11	·26		·02		·73		·17	·74			·18	·36	11
12	·31	·03		·17	·07		·21	·32			·83		12
13	·43	·59	·01	·03			·06	·13	·03	·32		·06	13
14	·19			·12			·32	·25	·09			·06	14
15	1·42			·15			·06	·03	·05		·33	·10	15
16		·72		·04	·13		·85	1·41					16
17		·28	·04	·02			·06						17
18	·04	·35	·28										18
19	·04	·09	·14	·14	·07		·30			·02			19
20	·50	·05	·04		·14		·14	·05				·44	20
21	·05	·03		·05			·15					·16	21
22	·01		·09				·05					·25	22
23		·01	·14			·06	·02		·03	·11		·26	23
24			·17	·05			·09		·54			·46	24
25						·09			·15	·03		·19	25
26		·30				·16	·59		·03			·19	26
27		·12				·01	·17			·33		·24	27
28		·27			·05	·14	·01	·46		·06		·01	28
29					·07	·06		·01		·01	·11	·19	29
30	·18	X		·20		·13		·03				·03	30
31	·23	X		X		X		·32	X	·03	X	·36	31
Total	6·95	5·42	2·34	2·88	1·73	·85	5·76	5·96	1·20	·92	2·33	6·65	YEAR'S TOTAL 42 99 ✓
Rain Days.	21	21	17	17	10	10	23	20	8	9	7	23	186 ✓

W. 8,000. X. 15.

3057

REGISTER OF RAINFALL IN 1916

FORM A.
BRITISH RAINFALL.

6 JAN 1917

Kept at Huntroyde
in the County of Lancaster
by E. J. Howsin

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Padiham.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 423 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·46	·01	·07			·15	·53		·18		·04		1
2	·06	·16	·13			·10	·05		·82	·15	·09		2
3		·08		·07		·05	·54		·01	·17	·26		3
4	·12	·15			·39	·72				·75	·26		4
5	·32	·37	·03		·14	·09				·80	·59		5
6	1·22	·47	·04		·18	·04	·23			·25	·31	·07	6
7	·27	·06	·05		·28	·09	·21			·29	·09	·45	7
8	·02	·11	·11	·01	·01	·16	·03			·08	·36		8
9	·05		·03		·34	·36	·01				·12	·24	9
10	·11	·12		·24		·54	·10			1·07	·06		10
11	·09	·58	·15	·69	·02	·04	·17		·23	·04	·01	·12	11
12	·30	·09	·16	·14	·26		·90	·03	·05	·17	·03		12
13		·12	·05	·39	·01			·47		1·57			13
14	·12	·11		·24	·69			·38	·11	·23		·23	14
15	·02	·22	·10	·04			·11	·56	·14	·09			15
16	·03	·29	·55	·23			·22	·65	·01	·04			16
17	·10	·16		·78			·05	·16	·75	·17			17
18		·71		·13			·01	·18	·32	·16		·16	18
19	·28	·01	·27	·24				·16	·09		·41		19
20	·40		·19	·14			·01	·11			·09	·11	20
21	·82		·01		·11		·02	·04			·04		21
22	·02	·01				·04				·21		·06	22
23	·08	·02	·02	·03				·01			·19	·25	23
24		·06	·03	·04		·09		·37		·07		·05	24
25	·08	·13	·27		·07	·03		·22			·48		25
26	·12	·10	·20		·01	·01		·1		·11	·07		26
27	·01	·23						·10		·70			27
28		·10	·05							1·42	·05	1·08	28
29	·01	·15	·04			·20	·02			·41		·71	29
30	·02	X				·03	·03			·87		·21	30
31		X		X	10	X	·01	·6	X	·20	X	·74	31
Total	5·13	4·62	2·55	3·41	2·61	2·74	3·25	4·14	2·71	10·02	3·55	4·48	YEAR'S TOTAL 49·21
Rain Days.	25	26	21	15	14	17	19	16	11	24	19	14	221

W. 8,000, VIII. 16

2911

FORM A.
BRITISH RAINFALL.

8 JAN 1918

REGISTER OF RAINFALL IN 1917

Kept at Huntroyde.

in the County of Lancaster.

by A. G. Howsin

Lat. .... Long. ....

Time of Observation 9 a.m.

Nearest Railway Station Padiham

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 423 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	·09			·08		·23			·59		·28	·19	1
2	1·10					·13							2
3	·13	·33				·33				·68	·15		3
4			·22							·38			4
5	·25		·19	·19						·15	·37	·09	5
6	·03					·25				·42	·42	·41	6
7	·46					·11				·61	·09	·09	7
8	·30			·28		·21		·25	·06		·23	·30	8
9			·09	·09				·17		·12	·43		9
10			·70	·32									10
11	·37				·04			·22		·43			11
12					·48			·05		·58		·15	12
13	·07			·25	·04		·92		·70			·58	13
14				·36								·40	14
15	·08						·24	·24	·53	·07		·50	15
16				·12			·93	·32	·03		·12	·41	16
17		·21	·33	·35	·11			·76		·16			17
18			·10		·10			·25	·36	·20			18
19		·30	·37		·52	·07		·03	·02		·03		19
20		·22			·09	·29		·02			·71		20
21			·15		·10			·30	·08				21
22								·16	·17	·54	·25		22
23		·07			·08	·62	·09	·03	·10	·16	·04	·04	23
24						·02	·09	·32		·95	·35	·05	24
25		·08	·09					·06		·18	·03		25
26						·05		·50	·27	·60	1·58		26
27					·04	·15	·56	1·09		·45	·15		27
28		·15	·42					·50		·08	·08		28
29			·05				·06	·10		·57	·09	·25	29
30		X	·10					·06		·09	·29		30
31		X	·90	X	·25	X		·02	X		X		31
Total	2·88 ✓	1·36 ✓	3·71 ✓	2·04 ✓	1·85 ✓	2·46 ✓	2·89 ✓	5·45 ✓	2·91 ✓	7·42 ✓	5·69 ✓	3·46 ✓	YEAR'S TOTAL 42·12 ✓
Rain Days.	10 ✓	7 ✓	13 ✓	9 ✓	11 ✓	12 ✓	7 ✓	21 ✓	11 ✓	20 ✓	19 ✓	13 ✓	153 ✓

W. 8,000, IX. 17.

MWP

39

REGISTER OF RAINFALL IN 1918.

FORM A. BRITISH RAINFALL. 15.1.19

Kept at Huntroyde

in the County of Lancaster.

by R. G. Howson

Lat. Long.

Time of Observation

Nearest Railway Station Padiham.

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 423 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		·09							·16	·11	·45	·52	1
2		·18							·68			·52	2
3		·09							·26	·62	·03		3
4	·13				·68			·10	·55	·31	·53		4
5	·05	·03	·05					·68		·50	·07		5
6	·07	1·24		·23	·09	·30		·09	·04	·52			6
7		·19		·25	·01			·05	·08	·24	·42		7
8	·50	·16		·30				·06	·42	·30	·11	·04	8
9	·13	·60				·21	·70		·70	·37	·06	·11	9
10		1·31				·07	·60		·95	·12	·56		10
11	·35	·23		·05	·10		·70	·01	·40			·30	11
12		·41		·03			·80		·24			·35	12
13	·18			·05	·13		·64		·30	·29			13
14	·60					·18	·42		·32	·12			14
15	·08					·24	·24		·56	·01		·50	15
16						·23	·44		2·05	·45		·50	16
17	·25						·39	·33	·21			·31	17
18	·50		·73				·05	·35	·07			·34	18
19	·19	·08	·15				·25		·44	·07		·20	19
20	·09				·10	·15	·06	·56	·37			·73	20
21	·33	·90				·28			·19			·24	21
22		·21				·10	·09		·60			1·0	22
23	·14	·11			·27		·40		·28		·12	·15	23
24					·18		·09		·07	·10	·07		24
25		·19				·86	·10	·11	·13		·02		25
26		·07			·11		·09	·51	·42	·06	·47	·07	26
27			·52			·04		·11	·38		·21	·88	27
28			·24					·61	·87		·07	·58	28
29								·09	·05	·04		1·09	29
30		X	·12					·16	·03			·16	30
31		X	·15	X		X		·36 ·16	X		X		31
Total	3·59	6·09	1·96	0·91	1·67	2·66	6·06	~~4·18~~ 4·34	~~11·82~~ 11·66	4·23	3·19	8·59	YEAR'S TOTAL 54·95.
Rain Days.	15	17	7	6	9	11	17	19 7	28 8	17	14	20	178.

W. 8,000, IX. 17.

2752

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Huntroyde,

in the County of Lancaster.

by

Lat. .... Long. ....

Time of Observation ....

Nearest Railway Station Padiham

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 423 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·57						·46	·25	·57	·30			1
2			·06		·09		·1	·15	·13			·05	2
3	·82				·12	·19	·57		·11		·12	·41	3
4	·12		·15				.08	·11			·05	·12	4
5					·08				·02			·33	5
6			·70		·46						·06		6
7			·29								·15		7
8	·30												8
9	·56		·11			·05							9
10			1·33	·34								·23	10
11			1·15	·16	·22		·09					·02	11
12			·5			·03	·10			·04	·45		12
13	·27			·39			·14					·04	13
14	·24			·17				·03		·37			14
15	·39			·02				·02				·50	15
16	·17			·22		·09							16
17		·48		·24	·02	·19		·39		·01	1·21		17
18			·32					·24	·32			·44	18
19			·58			·23	·14	·04	·03		·30	·09	19
20		·41	·07			·22	·06	·06			·24	·52	20
21	·27	·40				·09	·22		·04		·08	·25	21
22						·09			·56		·41	·91	22
23		·11				·16				1·09		·12	23
24				·13	·11			·10	·50	·18	·31	·98	24
25				·35				·56	·33		·18		25
26	·22		·76	·10		·09		·75	·11		·04	1·51	26
27	·10			·40				·10					27
28								·68		·09		·34	28
29				·02				·06	·02	·34			29
30		✕				·15				·08	·45	·50	30
31		✕		✕		✕	·48		✕		✕		31
TOTAL	4·03	1·40	6·02	2·54	1·1	1·58	2·44	3·54	2·74	2·5	4·05	7·36	YEAR'S TOTAL 39·3
Days with ·01 in. or more	12	4	12	12	7	12	11	15	12	9	14	18	~~158~~

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

W WND 34 36

5 JAN 1921

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Huntroyde.

in the County of Lancaster

by R. G. Howell

Lat. Long.

Time of Observation

Nearest Railway Station Padiham

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 423 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·	·	·	·12	·24	·01	·32	·09	·25	·	·12	·06	1
2	·	·	·11	·15	·26	·	·15	·	·56	·21	·	·22	2
3	·	·16	·15	·16	·09	·	·20	·12	·32	·23	·	·24	3
4	·	·	·	·14	·04	·	·13	·59	·07	·49	·	·	4
5	·	·	·	·	·63	·	·25	·17	·30	·19	·	·	5
6	·	·	·45	·21	·30	·	·09	·	·	·	·09	·	6
7	·35	·12	·35	·11	·07	·	·38	·	·06	·	·04	·	7
8	·07	·	·	·15	·10	·	·13	·21	·07	·	·	·	8
9	·58	1·85	·04	·62	·	·	·04	·03	·	·	·	·	9
10	·97	·47	·	·17	·	·	·42	·	·	·	·	·	10
11	·12	·	·	·09	·12	·24	·	·	·	·	·	·	11
12	·20	·34	·38	·42	·20	·15	·21	·	·07	·	·38	·06	12
13	·30	·12	·	·08	·05	·28	·06	·	·32	·	·35	·21	13
14	·03	·16	·06	·18	·	·04	·07	·	·	·19	·68	·	14
15	·05	·22	·07	·28	·	·	·	·	·	·06	·09	·	15
16	·	·	·	·08	·	·	·73	·	·25	·	·31	·	16
17	·21		·	·	·25	·	·12	·46	·26	·03	·		17
18	·25	·	·	·05	1·15	·	·	·04	·	·	·	·	18
19	·10	·55	·	·11	·48	·04	·11	·03	·08	·	·	·03	19
20	·48	·	·	·37		·02	·26	·	·15	·	·	·14	20
21	·	·		·	·	·	·57	·	·03	·	·	·16	21
22	·05	·		·21	·	·	·47	·06	·	·	·	·11	22
23	·	·	·11	·11	·	·	·26	·14		·	·	·08	23
24	(·07)	·	·34	·12	·	·03	·13	·	·	·	·	·40	24
25	·	·10	·52	·13	·	·02	·77	·05	·		·	·	25
26	·09	·19	·49	·48	·09	·	·05	·		·	·		26
27	·49	·	·38	·08	·30	·66		·	·	·	·14	·04	27
28	·28	·	·28	·49	·06	·06	·09	·		·	·	·22	28
29	·20	·09	·24	·08	·97	·04	·	·		·		·33	29
30	·27		·05	·04	·10	·17		·	·21	·	·29	·25	30
31	·35		·		·12		·	·		·13		·11	31
TOTAL	5·51	4·37	4·02	5·23	5·62	1·76	6·01	1·99	3·00	1·53	2·49	2·66	YEAR'S TOTAL 44·19
Days with ·01 in. or more	21	12	16	27	20	13	24	12	15	8	10	16	194
Days with ·04 in. or more	20	12	16	27	20	9	24	10	14	7	10	15	184

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

Padiha

Sp

PADIHAM

SPENCE MOOR
LANCASHIRE
1919-2

e

th June!)

JAN 192

	July					
1.						
2						
3		0.26				
4						
5				0.40		
6	1.26					
7			1.07			1.09
8						
9					0.32	
10		0.23				
11						
12				0.07		
13	0.31.					
14			–			0.15
15						
16		0.27.			0.41	
17						
18						
19				0.40		
20	0.19					
21			0.42			1.62
22						
23					1.56	
24		0.93.				
25						
26				1.14.		
27	0.20					
28			1.32			2.23
29						
30					0.61	
31	0.51	2.19.	–	0.56		0.46
	2.47	3.88	2.81	2.57	2.90	5.55

both [illegible]
bad
CS.

Total for 6 months
July 1st 1919 to Dec. 31st 1919
20 .18 Inches.

or more

2 - JAN 1921

Padiha[illegible]

Spence Moor Rain Gauge.

Fixed July 1st 1919 (16th June!)

	July	August	Sept.	October	Nov.	December
1.						
2						
3		0·26				
4						
5				0·40		
6	1·26					
7			1·07			1·09
8						
9					0·32	
10		0·23				
11						
12				0·07		
13	0·31.					
14			–			0·15
15						
16		0·27.			0·41	
17						
18						
19				0·40		
20	0·19					
21			0·42			1·62
22						
23					1·56	
24		0·93.				
25						
26				1·14.		
27	0·20					
28			1·32			2·23
29						
30					0·61	
31	0·51	2·19.	–	0·56		0·46
	2·47	3·88	2·81	2·57	2·90	5·55

both [illegible]
bad
CS

Total for 6 Months
July 1st 1919 to Dec. 31st 1919
20 ·18 Inches.

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

end?

Rain Gauges. ~~H.~~ [illegible] (Badger Wells)

cond for a while

This Gauge was removed to its present position on Spence Moor. July 1st 1919 (1st June?)

Radcliffe agrees 22.1.27

JAN 1927

	Dec 1918	Jany. 1919	Feby 1919	March 1919	April 1919	May 1919	June 1919	July
1	1.64.	~~For~~ last week of November						
2			0.24	0.28				
3								
4						0.86		
5		1.09						
6					0.07			
7								
8	·82						0.25	
9			–	1.28				
10								
11						1.02		
12		0.39						
13					0.62			
14								
15	1.64.						0.11	
16			0.16	1.65				
17								
18						0.03		
19		0.90						
20								
21					0.49.			
22	2.10						0.93	
23			0.73	0.20				
24								
25								
26		0.56				0.11		
27					0.49			
28								
29	2.02							
30	Record not taken on July 1st 1919.	Record not taken on Feby 1st 1919.	Record not taken on March 1st 1919.		0.15		0.62	
31				0.46		0.00		
	6.58	2.94	1.13	3.87	1.82	2.02	1.91	

both positions bad
C.S.

Total Jany 1st to June 30th 1919

13.~~5~~69 Inches

13.69

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

10 MAY 20

REGISTER OF RAINFALL IN 1919.

Kept at Spence Moor, Sabden

in the County of Lancaster

by Padiham Urban District Council

Lat. 53° 50′ 50″ Long. 2° 19′ 45″ W

Time of Observation 9 15 a.m.

Nearest Railway Station Padiham

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 1300 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

1919

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2			0·28										2
3								0·26.					3
4					0·86.								4
5	1·58									0·40			5
6				0·07.			1·26						6
7									1·07			1·09	7
8						0·25							8
9			1·28										9
10								0·23			0·32		10
11					1·20								11
12	0·39									0·07.			12
13				0·62			0·31						13
14									0·00			0·15	14
15						0·11							15
16		0·16	1·65					0·27					16
17											0·41		17
18					0·03								18
19	0·90									0·40			19
20				0·49.			0·19						20
21									0·42.			1·62	21
22						0·93							22
23		0·73	0·20					0·93					23
24											1·56		24
25													25
26	0·56				0·11					1·14.			26
27				0·49			0·20						27
28									1·32			2·23	28
29													29
30		×		0·15		0·62		2·19.			0·61		30
31	0·24	×	0·46	×		×	0·51		×	0·56	×	0·46.	31
TOTAL	3·67.	0·89	3·87	1·82	2·20	1·91.	2·47.	3·88	2·81.	2·57.	2·90	5·55	YEAR'S TOTAL 34·54
Days with ·01 in. or more													

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

Dec 31st cor'd by Ratcliffe.

21 JAN 1921

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Spena Moor, Sabden
in the County of Lancaster
by Padiham Urban District Council

Lat. 53° 50' 50" Long. 2° 19' 45" W.
Time of Observation 9.15 A M.
Nearest Railway Station Padiham
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 1,200 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2					0·26								2
3										0·32			3
4	0·01			0·61									4
5									1·41			0·51	5
6						0·04	1·04						6
7			0·66								0·19		7
8		0·24						1·52					8
9					1·38								9
10										0·60			10
11	1·75			1·24			1·31						11
12									0·10			0·13	12
13						0·73							13
14			0·30								1·27		14
15		2·84											15
16					0·49			0·19					16
17										0·32			17
18	0·92			0·82			1·43						18
19									0·83			0·15	19
20						0·48							20
21			0·26								0·37		21
22		0·37											22
23					1·16			0·71					23
24													24
25	0·43			1·02			2·20			0·01			25
26									0·15			0·78	26
27						0·80							27
28													28
29		0·43	1·55								0·17		29
30		✕		0·99		0·29		0·06	0·27		0·23		30
31	0·79	✕	0·26	✕	2·25	✕	0·85	0·00	✕	0·08	✕	(·80) ~~0·23~~	31
TOTAL	3·90	3·88	3·03	4·68	5·54	2·34	6·83	2·48	2·76	1·33	2·23	~~1·80~~ 2·37	YEAR'S TOTAL ~~40·80~~ 41·37?
Days with ·01 in. or more													
Days with ·04 in. or more													

Rain gauge 31 interfered with.

Sept 1st
Began to rain heavily after taking Spena Moor gauge and continued until all the gauges had been taken.

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

PADIHAM
STAINSCOMBE
1919

Padiham … e
Entd Stains…

4 JAN 1921

	July					
1						
2						
3		0.36				
4						
5				0.43.		
6	1.36					
7			1.09			1.24.
8						
9					0.26	
10		0.26.				
11						
12				0.08		
13	0.32					
14						0.21.
15						
16		0.24.			0.60	
17						
18						
19				0.39		
20	0.24					
21			0.45			1.90
22						
23					1.80	
24		1.08				
25						
26				1.32		
27	0.23					
28			1.38			2.49.
29						
30					0.72	
31.	0.56	2.26		0.56		0.50
	2.71	4.20	2.92	2.78	3.38	6.34

[illegible]

Total for 6 months
July 1st ~~to Dec~~ 31st 1919.
22.33. Inches.

Entd

JAN 192

Padiham Urban District Council
Stainscombe Rain Gauge
Fixed July 1st 1919

	July	August	Sept.	October	Nov.	December
1						
2						
3		0.36				
4						
5				0.43		
6	1.36					
7			1.09			1.24.
8						
9					0.26	
10		0.26.				
11						
12				0.08		
13	0.32					
14						0.21.
15						
16		0.24.			0.60	
17						
18						
19				0.39		
20	0.24.					
21			0.45			1.90
22						
23					1.80	
24		1.08				
25						
26				1.32		
27	0.23					
28			1.38			2.49.
29						
30					0.72	
31.	0.56	2.26		0.56		0.50.
	2.71	4.20	2.92	2.78	3.38	6.34

[illegible]
CS.

Total for 6 Months
July 1st to Dec 31st 1919.

22.33. Inches.

REGIS

PENNY BRIDGE
SCHOOLHOUSE
LANCASHIRE
1912-1920

FORM A.
BRITISH RAINFALL.

11 JUL 1913

Kept at Penny Brid ... 3′
Greenga ... m
in the County of Lan ... reenodd, Furness Ry.
5 in.
by William ... Ground 1 ft. — in.
Sea Level 118 ft.

IMPORTANT NOTE ... the result entered to the previous day. If an Observer prefers not to conform ... ersal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	nil	nil		nil	·12	·22	·03	·06	·18	—	—	·43	1
2	·06	"	1·23	·11	·27	·12	·14	·11	·14	—	—	·03	2
3	·42	"	—	nil	—	·49	nil		·96	—	·06	·57	3
4	·33	"	·63	1·07	·10	·10	—	1·84	·28	—	2·50	·09	4
5	·15	"	·06	—	·41	·06	—		·19	·20	·01	·04	5
6	·29	·38	—	—	·20	—	—	·20	—	—	—	—	6
7	frost	·45	·10	·03	·20	·22	·52	·07	·32	—	·33	·11	7
8	1·08	·42	·13	·05	—	—	—	—	·01	—			8
9	·10	·14	·24	·44	—	·18	—	—	—	—	1·89	·61	9
10	·05	·05	—	nil	·05	·32	·32	·35	—	—		·08	10
11	·05	·02	·02	"	·06	—	·21	—	—	—	—	·19	11
12	~~·05~~	—	1·42	"	—	·14	—	—	—	—	—	·16	12
13	·57	—	·14	"	—	—	—	·18	—	1·06	—	·44	13
14	·43	—	·28	"	—	·23	·02		·01	·03	—	·30	14
15	·26	·46	—	"	·02	·30	nil	·27	—	·15	—	·27	15
16	·99	—	·60	"	·05	·01	—		—	·98	—	frost	16
17	·13	·29		"	·05	1·20	—	·90	—	—	·10	·50	17
18	nil	·13	nil	"	—	·18	—	·09	—		·13	·47	18
19	·03	—	·84	"	—	·04	—	·43	—	·59	·19	·04	19
20	·07	—	·06	"	·73	·09	—	·12	—	·81	·06	·33	20
21	·04	·09	·26	"	—	·13	·06	·21	—	·40	—	·04	21
22	frost	·43	—	"	·12	—	·01	·64	—	—	·25	·05	22
23	"	—	·25	"	·03	·10	·54		—	—		·33	23
24	"	·19	·27	"	·24	·32		·67	—	·28	·51	·21	24
25	"	·02	·20	"	—	·71	·62	·09	—	—	·50	·22	25
26	"	·38	·20	"	—	·12	·28	—	—	3·06	·15	·21	26
27	"	·12	·60	"	—	·73	·37	—	—	·28	·04		27
28	"	·22	·01	"	—	·11	·19	·90	—	·76	·25	·58	28
29	"	·04	·15	"	—	·04	·16	·08	·89	·14	—		29
30	·04		·79	·07	·08	·03	·26	—	·09	·05	—	·32	30
31	nil		·15		·04		1·27	·60		—		·22	31
Total	5·09	3·83	8·63	1·77	2·77	6·19	5·00	7·81	3·07	8·79	6·97	6·84	YEAR'S TOTAL 66·76
Rain Days.	19	17	25	6	17	25	17	24	10	15	18	29	222

5·09

W. 7,500, XI. 12

✓

FORM A.
BRITISH RAINFALL.

11 JUL 1913

REGIS

3′

Kept at Penny Bridge Schoolhouse
Greenodd. Ulverston

in the County of Lancashire N2

by William White

Time of Observation 9 a.m
Nearest Railway Station Greenodd, Furness Ry.
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level 118 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	nil	nil		nil	·12	·22	·03	·06	·18	—	—	·43	1
2	·06	"	= 1·23	·11	·27	·12	·14	·11	·14	—	—	·03	2
3	·42	"	—	nil	—	·49	nil		·96	—	·06	·57	3
4	·33	"	·63	1·07	·10	·10	—	= 1·84	·28	—	2·50	·09	4
5	·15	"	·06	—	·41	·06	—		·19	·20	·01	·04	5
6	·29	·38	—	—	·20	—	—	·20	—	—	—	—	6
7	frost	·45	·10	·03	·20	·22	·52	·07	·32	—	·33		7
8	1·08	·42	·13	·05	—	—	—	—	·01	—		·11	8
9	·10	·14	·24	·44	—	·18	—	—	—	—	1·89	·61	9
10	·05	·05	—	nil	·05	·32	·32	·35	—	—		·08	10
11	·05	·02	·02	"	·06	—	·21	—	—	—	—	·19	11
12	~~·05~~	—	1·42	"	—	·14	—	—	—	—	—	·16	12
13	·57	—	·14	"	—	—	—	·18	—	1·06	—	·44	13
14	·43	—	·28	"	—	·23	·02		·01	·03	—	·30	14
15	·26	·46	—	"	·02	·30	nil	·27	—	·15	—	·27	15
16	·99	—	= ·60	"	·05	·01	—		—	·98	—	frost	16
17	·13	·29		"	·05	1·20	—	·90	—	—	·10	·50	17
18	nil	·13	nil	"	—	·18	—	·09	—		·13	·47	18
19	·03	—	·84	"	—	·04	—	·43	—	·59	·19	·04	19
20	·07	—	·06	"	·73	·09	—	·12	—	·81	·06	·33	20
21	·04	·09	·26	"	—	·13	·06	·21	—	·40	—	·04	21
22	frost	·43	—	"	·12	—	·01	·64	—	—	·25	·05	22
23	"	—	·25	"	·03	·10	·54		—	—		·33	23
24	"	= ·19	·27	"	·24	·32		·67	—	·28	·51	·21	24
25	"	·02	·20	"	—	·71	= ·62	·09	—	—	~~·50~~ ·50	·22	25
26	"	·38	·20	"	—	·12	·28	—	—	3·06	·15	·21	26
27	"	·12	·60	"	—	·73	·37	—	—	·28	·04		27
28	"	·22	·01	"	—	·11	·19	·90	—	·76	·25	·58	28
29	"	·04	·15	"	—	·04	·16	·08	·89	·14	—		29
30	·04		·79	·07	·08	·03	·26	—	·09	·05	—	·32	30
31	nil		·15		·04		1·27	·60		—		·22	31
Total	5·09	3·83	8·63	1·77	2·77	6·19	5·00	7·81	3·07	8·79	6·97	6·84	YEAR'S TOTAL 66·76
Rain Days.	19	17	25	6	17	25	17	24	10	15	18	29	222

5·09

W. 7,500, XI. 12

S. made ✓

REGISTER OF RAINFALL IN 1913.

FORM A.
BRITISH RAINFALL.

9 - JAN 1914

Kept at Penny Bridge School Greenodd. Ulverston
in the County of Lancashire
by William White

Lat. 54° 14′ Long. 3° 3′
Time of Observation 9 o'clock a. m
Nearest Railway Station Greenodd
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground ft. 12 in.
" " " " Sea Level 118 ft. ordnance datum

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·03	·05	·15	—	—	·17	—	—	—	—	·21	—	1
2	·18	·15	·58	·06	—	·30	—	—	—	nil	·37	·55	2
3	·11	·12	·12	—	·52 }	—	—	—	—	·04	·02	·41	3
4	·65	·15	·06	—		·04	·02	·05	—	nil	·30	·51	4
5	·33	·10	·03	—	·10	·07	·03	—	—	·04	·05	·05	5
6	·41	·30	·46	—	·57	·65	·40	—	—	nil	·02	·29 }	6
7	·08	·51	·47 }	—	·17	·30	·01	—	—	·74	·07		7
8	·01	·32		—	·09	·04	·03	·25	·01	·04	·03	·20	8
9	—	·65	·19	·11	·16	·84	—	·18	—	nil	·22	·12	9
10	} ·41	·78	·59	·25	·04	·10	—	—	—	·25	34	—	10
11		·02	—	·43 }	—	·09	—	—	—	·06	·23	·32	11
12	·05	·01	·02		—	—	·03	—	·70 }	nil	·44	·12	12
13	—	·02	·44	·04	·12	—	·02	·11		·34	·43	—	13
14	·06	—	·21	·17	—	—	—	·01	·09	·93	·31 }	·12	14
15	·05	—	·18	1·50	—	—	—	—	—	—		·11	15
16	—	—	·05	·24	—	—	·06	—	—	—	·46	—	16
17	} ·25	—	—	·20	·21 }	·07	} = ·13	—	—	—	·69	—	17
18		—	·66	·91 }		·16		—	—	} ·34	·37	—	18
19	·14	—	·03		·61	·12	—	—	—		·28	—	19
20	·02	—	·17 }		·07	·12	·21	·10	—	11	·86	—	20
21	—	—		—	·12	—	—	1·17	—	·40	—	—	21
22	·72	—	·90 }	—	·22	·13	—	·51	·30	·02	—	—	22
23	·82	—		—	·11 }	·38	—	·19	·23	·01	·19	·25	23
24	·46	·10	—	·12		—	—	—	—	—	·16	—	24
25	—	·02	—	1·57 }	—	—	—	—	·80	·06	·08	·82	25
26	—	·11	—		—	·03	—	—	·48	·12	·07	—	26
27	—	·02	—		·01	—	—	—	—	·36	·04	·51	27
28	·59	—	·20	·27	·08	—	—	—	—	·14	—	—	28
29	—		·26	·72	·01	—	—	·13	—	·25	—	—	29
30	·77		—	—	—	—	—	—	—	·02	·10	—	30
31	·11		·01		—		—	—		·04		—	31
Total	6·25	3·43	5·78	6·59	3·21	3·61	·94	2·70	2·61	4·31	6·34	4·38	YEAR'S TOTAL 50·15
Rain Days.	23	17	24	19	20	17	11	10	8	21	26	15	211

W.7,000, XI. 13

Exd L

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
15 JAN 1915

Kept at Penny Bridge School, Greenodd
in the County of Lancaster N Ulverston 2
by William White

Lat. 54° 14' Long. 3° 3'
Time of Observation 9 a.m.
Nearest Railway Station Greenodd
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 118 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	–	·19	·28	–	–	·03	·51	·22	–	·01	·01	·23	1
2	–	·22	·06	·02	·14	·02	·50	·16	–	·30	·26	·20	2
3	·24	·15	·15	–	·81	–	{·41	–	–	–	·01	1·42	3
4	·44	–	·14	{·48	·15	·01		–	–	·01	·02	·35	4
5	·12	–	·75		·08	·02		{·26	–	–	·33	·21	5
6	–	·03	·10	·07	·16	·30	–		–	–	–	·16	6
7	·17	–	·35	·07	·28	·05	–	·33	–	·06	·11	·01	7
8	1·57	–	·09	·01	·41	·10	–	2·48	·40	·05	·51	·13	8
9	·57	·46	–	·11	·07	·17	–	·	·15	–	·41	–	9
10	–	·29	–	–	·05	–	–	·	–	–	·15	–	10
11	–	·22	·57	–	·06	–	1·85	·	{·79	–	{1·55	·19	11
12	–	·49	·13	–	·13	–	·05	·		–		·10	12
13	–	·38	·60	·11	–	–	·01	·	·55	·03	·44	·24	13
14	–	·32	·30	–	–	–	·05	·	·60	–	·16	·27	14
15	–	·08	·56	–	–	–	–	·	·27	–	·07	·01	15
16	–	–	·05	–	–	–	1·06	·	2·71	–	–	·01	16
17	–	·91	·20	–	–	–	·40	·	·11	–	–	1·70	17
18	–	·52	·12	–	–	–	·02	·	·40	·07	–	{·35	18
19	–	·05	·04	–	–	–	·21	·	·12	·01	·02		19
20	–	·37	–	–	·07	·36	–	·	–	–	–		20
21	–	·27	–	–	·02	·02	–	·02	–	·03	–	–	21
22	–	·73	·02	·04	{·91	·28	–	·48	–	·03	·01	–	22
23	–	·11	·23	·17		·02	·23	·12	–	–	·51	–	23
24	{1·00	–	·32	·14	·01	·02	·66	·50	–	–	·44	{·89	24
25		–	·02	–	·02	·02	·40	·64	–	1·20	·41		25
26	·03	·17	–	–	–	{·06	·06	·	–	·31	–	{·30	26
27	·09	·14	–	–	–		–	·	·80	·36	{1·16		27
28	·10	·43	·39	–	·10	·04	·01	·	·30	·01		{·32	28
29	·35	–	·10	–	·09	–	–	·	–	–	·45		29
30	·03	✕	·56	·02	–	–	–	·	–	–	·20		30
31	·42	✕	·03	✕	·03	✕	·60	·	✕	·17	✕	·05	31
Total	5·13	6·53	6·16	1·24	3·59	1·52	7·03	5·21	7·20	2·65	7·28	7·14	YEAR'S TOTAL 60·68
Rain Days.	14	21	25	12	~~19~~ 20	17	19	11	13	15	23	26	216

W. 8,000. X. 14.

ex * P

3187

FORM A.
BRITISH RAINFALL.

2[illegible] JAN 191[illegible]

REGISTER OF RAINFALL IN 1915

Kept at Penny Bridge School
Greenodd. Ulverston
in the County of Lancashire N
by William White

Lat. 54° 14′ Long. 3° 3′
Time of Observation 9 a.m
Nearest Railway Station Greenodd
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground – ft. 12 in.
" " " " Sea Level 118 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	}	}	·05	—	·04	—	·21	·17	·01	—	—	—	1
2	} ·39	} 1·50	·79	}	·01	·34	—	·94	—	·02	—	—	2
3	·08	·19	·41	} 1·17	—	—	—	—	—	—	—	}	3
4	·24	·33	·18	·05	·12	—	—	·15	—	—	—	2·00 } 3 days	4
5	·30	}	·49	—	·21	—	—	}	—	—	}	}	5
6	·89	} ·79	nil ~~·01~~	·37	—	·39	2·03	} ·09	·16	—	} ·04	·52 } 2 days	6
7	·11	}	·01	}	—	·01	·51	·31	—	—	1·30	}	7
8	·26	·40	—	} ·12	—	—	·01	·30	—	—	·30	—	8
9	}	·02	~~·79~~	—	—	—	—	·03	—	—	—	1·07	9
10	} 1·02	—	·79	·14	—	—	—	·02	—	·06	—	·67	10
11	·06	—	—	}	·76	—	·19	—	—	·01	—	·29	11
12	·77	—	—	} ·05	·01	—	·08	·04	—	·17	·71	·04	12
13	·13	—	—	—	—	—	·01	·02	—	·16	—	·13	13
14	·40	·02	—	·08	—	—	·20	·27	·09	—	—	·18	14
15	}	—	—	·17	—	—	·03	} ·49	·11	—	snow ·31	·56	15
16	} ·70	·62	·01	—	·07	·01	rain	}	—	—	—	—	16
17	}	—	—	—	—	—	fair fine	—	—	—	—	—	17
18	·01	·42	·13	·04	—	—	rain	—	—	—	·01	—	18
19	·11	·15	·10	·34	·15	—	rain	—	—	—	—	—	19
20	·47	·01	·17	—	—	—	rain 2·25 *	·02	—	—	—	·38	20
21	—	·15	·01	·12	—	—	rain	—	—	—	—	·16	21
22	—	—	·15	—	—	·12	rain	—	—	—	—	·34	22
23	—	—	—	} ·05	—	·10	fair fine	—	—	·79	—	·35	23
24	—	—	·13	}	—	—	rain	—	} ·43	·08	—	·57	24
25	—	—	—	—	—	—	rain	—	}	—	—	·48	25
26	—	·73	—	—	—	·40	rain	—	—	—	—	·84	26
27	—	·03	—	—	—	·10	rain	—	·01	1·16	—	·19	27
28	—	·15	·01	—	—	—	rain	·29	—	·09	·43	—	28
29	—	╳	—	—	—	·06	fair fine	—	—	—	·65	·22	29
30	·36	╳	—	·33	·15	·08	fair fine	·01	—	·01	·09	·10	30
31	·30	╳	—	╳	—	╳	rain	·82	╳	·02	╳	·23	31
Total	6·60	5·51	2·83	3·03	1·52	1·61	5·52	3·97	·81	2·57	3·54	9·26	YEAR'S TOTAL [illegible]77
Rain Days.	22	18	15	17	9	10	21	18	7	11	10	23	(181)

W. 8,000. X. 15.

*2-25 on 12 days

3115

FORM A.
BRITISH RAINFALL.
19. JAN 1917

REGISTER OF RAINFALL IN 1916

Kept at Penny Bridge School
in the County of Lancashire
by William White

Lat. 54° 14′ Long. 3° 31′
Time of Observation 9 a.m
Nearest Railway Station Greenodd.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 118 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	1·58	·33	·04	nil	nil	·43	·93	·05	—	—	·33	·10	1
2		·19	nil	"	–	·17		—	–	·42	·02		2
3		·09	nil	"	·01	—	-	—	–	·33	1·46		3
4		1·61	nil	"	·84	1·23	-	—	–	·91		nil	4
5			nil	"	·29	·16	-	—	–	·98		nil	5
6	·69		nil	"	·60	·01	·36	—	–	·66	·31	nil	6
7	·04	·07	nil	"	·16	·07	·49	—	–		·22	·30	7
8	nil	·05	nil	"	nil	·50	·20	—	–	nil	·42	·24	8
9	·06	nil	nil	"	"	·22		—	–	·42	·15		9
10	·09	·43	nil	1·54	·06	·02	·22	·16	—		·36	—	10
11	·10	·56	nil		·04	·02	·47	–	·16	·15		·03	11
12	·25		·10	·11	·44	nil	·55	–	·03	·15		nil	12
13	nil		·10	·21	·04	"	—	2·36	—	1·35	·01	·01	13
14	·08	·20	nil	1·16	·64	"	—		·22		nil	—	14
15	·06	·84	·53		nil	"	·02		1·33	·14	nil	·26	15
16	·12	·34			nil	"	·03	·31		—	·28		16
17	·53	·34	nil	1·26	nil	"	·06	·51		·31			17
18	·08	·31	nil	·04	nil	"	—		·67	·40		·22	18
19	·44	nil	·30	·10	nil	"	—		—	–		·69	19
20	·65	·31	·13	·32	nil	"	—		–	–	·14		20
21	·60	nil	nil		·06	nil	·13	—	·02	–	·23	·03	21
22	nil	nil	nil	—	nil	·24	nil	—	–	·25	·04	·40	22
23	nil	nil	·19	·17	nil	·22	"	·09	–	·90	·50		23
24	·04	nil	nil	·14	nil	·25	"	·29	–	·12	·70		24
25	·01	·03	·35	·03	nil		"	·29	–	·22			25
26	·32			nil	nil	·01	"		·01	—		nil	26
27	nil		nil	"	·01	·22	"	–	·18	1·10	·20	1·60	27
28	·90	·01	nil	"	nil	—	"	–	—		·66		28
29		·11	nil	"	"	·03	"	·	—		·96	·85	29
30		✕	nil	"	"	·02	"	·05	—	1·05	·32		30
31	nil	✕	nil	✕	1·40	✕	·01	·08	✕	·18	✕	—	31
Total	6·64	5·82	1·74	5·08	4·59	3·82	3·47	4·19	2·62	10·04	7·31	4·73	YEAR'S TOTAL 60·05
Rain Days.	25	23	10	15	13	17	14	16	10	24	28	24	219

W. 8,000, VIII. 16

cxd C92

2965

REGISTER OF RAINFALL IN 1917

FORM A.
13 FEB 1918

Kept at Penny Bridge School
in the County of Lancashire
by William White

Lat. Long.
Time of Observation 9 a. m
Nearest Railway Station Greenodd
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground ~~118~~ 4 ft. 6 in.
" " " " Sea Level 118 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	1.25	nil	.05	.41	nil	nil	nil	nil	.55	.01	.35	.46	1
2		"	.05		"	"	"	"	.02	nil	.01		2
3	.36	"	nil	.01	"	rain	"	"	.04	.61	.18	.04	3
4		.16	.02	nil	"	no rain 4 nil	"	"	nil	.12	.17	.07	4
5	.40	nil	.03	.02	"	.32	"	"	.05	1.00	1.05	.28	5
6	.09	nil	nil	nil	"	.15	"	"	nil		.72	.22	6
7	.78	nil	nil	.40	"		"	nil	nil	.82	.04	.21	7
8	.02	nil	nil		"	nil	"	.57	.10	.99	.89	.21 ~~nil~~	8
9	nil	nil	nil		.51	nil	"	.52	nil	.14	.87	nil	9
10	.48	nil	.98			nil	"	.18	.01	.02	nil	nil ~~.31~~	10
11	.13	.02	nil			"	"	.38	.01	1.04	.29	.31	.31 11
12	nil	nil	.11	nil	.66	"	"	nil	.05	.50	nil	.22	12
13	nil	nil	nil	nil	.06	"	"	.45	1.21	nil	.18	.42	13
14	nil	nil	nil	.35		"	nil	.09	nil	.04	nil	.21	14
15	nil	nil	nil		nil	"	.05	nil	.65	.50	nil	.47 ~~nil~~	15
16	nil	nil	.50	.84	"	"	nil	2.25		.88	.02	nil	16
17	nil	.38			.12	"	.07		.09	.16	.12	nil	17
18	nil			.04	.52	"	nil	.14	.58	nil	.14	.61	18
19	nil	.22	.29	nil		nil	"	.02	.02	nil	.04	.32	19
20	.01	.38	nil	nil	.28	.98	"	.53	.13	nil	.80	.13	20
21	nil	.08	.02	.01	.25	nil	"	.11	.17	.07	nil	nil	21
22	nil	.02	nil	nil	nil	.58	"	.12	.17	1.06	.07	nil	22
23	nil	.22	nil	"	"		"	.44	.14	.21	.02	.19	23
24	nil	nil	nil	"	"		"	.15	.01	1.21	.22	.03	24
25	nil	.42	.08	"	.04	nil	.15	.31	.87	.04	.02	frost	25
26	nil	nil	nil	"	nil	nil	.25	1.11	.63	.58	2.52	nil	26
27	nil	.01	.06	"	.32	.01	.11	1.05	.01		.17	nil	27
28	nil	.05	.31	"	nil	nil	nil	.11	nil	.13	nil	"	28
29	nil		.15	"	"	"	.13	.23	nil	1.10	nil	"	29
30	nil	×	nil	"	"	"	nil	nil	nil	.30	nil	"	30
31	nil	×	nil	×	.63	×	"	.66	×	nil	×	"	31
Total	3.52	1.96	2.65	2.08	3.39	2.04	.76	9.42	5.51	11.53	8.89	4.42	YEAR'S TOTAL 56.17
Rain Days.	11	12	15	15	14	9	6	21	22	25	22	18	190

W. 8,000, IX. 17.

B. Made

15

REGISTER OF RAINFALL IN 1918

FORM A.
BRITISH RAINFALL.

18.1.19

Kept at Penny Bridge School
in the County of Lancaster
by William White

Lat. 54° 14′ Long. 3° 31′
Time of Observation 9 a.m.
Nearest Railway Station Greenodd
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 9 in.
" " " " Sea Level 118 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	nil	nil	nil	nil	·01	nil	nil	nil	·75	·37	1·00	·81	1
2	nil	·12	nil	nil	nil	nil	nil	nil	·32	·21		1·02	2
3	nil	·50	nil	nil	·78	nil	nil	nil	nil	1·61		·14	3
4	·03	·12	nil	nil	·44	nil	nil	nil	·18	1·74	·31	·16	4
5	·04	·05	·02	1·0		nil	nil	nil	nil		·01	·13	5
6	·05	1·25	nil		nil	·71	·77	·61	nil	·53	·27	·04	6
7	Frost	·11	-		nil	nil		·15	·52	·03	·36	·33	7
8	·41	nil	1·23	nil	nil	nil	·27	·04	1·54	·35	·18		8
9	·31	1·15		·12	nil	·56	·17	·02		·76	·47		9
10	·10			·13	nil	nil	·12	nil	·52	·62	·31		10
11	1·43	·32	·33	nil	·29	nil	·15	nil	·58	nil	nil	·54	11
12		1·06	·01	·18	·13	·07	nil	nil	nil	nil	nil	·22	12
13		nil	nil		·30	·01	nil	·14	·62	1·11	nil	·62	13
14		nil	nil		·03	nil	·81	nil	·37	·11	nil	·37	14
15	·08	nil	nil	nil	nil	·51	·56	nil	3·12	·08	nil	nil	15
16		·13	nil	nil	nil	·96	1·29	·56	·39	nil	·16	·10	16
17	·93		nil	nil	nil	·30		·26	·03	·18		1·16	17
18	2·30	nil	·37	nil	nil	·21		nil	·62	·66	nil		18
19		·37	·31	nil	nil	nil	·48	1·06			nil		19
20		·54	·02	·30	·18	·19	·22	·04	·52	nil	nil	nil	20
21	·39	·32	nil	nil	nil	·09	·23	·01	1·79	nil	nil	nil	21
22	·17	·15	nil	nil	·75	·17	·34	·05	·55	nil		2·83	22
23	·44		nil	·01	·20		·03	nil	·14	·02	-		23
24	·60		nil	nil	nil	nil	·16	nil	·54	·10	-		24
25	nil	·06	nil	nil	·49	·02	·02	1·96	·43	nil	-		25
26	·05	·22	nil	nil	nil	nil	·12	·05	·83	·28	1·07		26
27	·02	·24	1·17	nil	·01	·17	nil	·67	·60				27
28	nil	·02	·76	nil	nil	nil	nil	nil	·67	nil			28
29	〃	–	~~nil~~	nil	nil	nil	nil	·05	·08	·03			29
30	〃	–	·20	nil	nil	nil	nil	·75	·04	·07			30
31	〃	–	·40	—	nil	—	nil		—	·26	—		31
Total	7·35	6·73	4·82	1·74	3·61	3·97	5·74	6·42	15·75	9·12	4·14	8·47	YEAR'S TOTAL 77·86
Rain Days.	(21)	22	13	10	13	14	19	17.	26	23	(17)	(28)	(223.)

W. 7,500, XI. ·12

~~W. H56~~ cordby Obrs.

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Penny Bridge School
in the County of Lancaster
by William White

Greenodd
Ulverston

Lat. 54° 14' Long. 3° 31'
Time of Observation 9 a.m
Nearest Railway Station Greenodd
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 9 in.
" " " " Sea Level 118 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	2·46	Nil	·52	Nil	·45	Nil	·06	·27	2·82	·46	Nil	·04	1
2		Nil		·02	·08	Nil	·05		Nil	·01	Nil	·12	2
3		Nil		Nil	·81	·19	·06	nil	Nil	Nil	nil	nil	3
4		·16	·13	Nil		Nil	·07	nil	·01	Nil	·05	Nil	4
5		·07	·02	Nil	·65	Nil	Nil	nil	·31	·06	Nil	·21	5
6	·04	Nil	·73	·06	·06	Nil	Nil	Nil		·02	Nil	Nil	6
7	·03	Nil	·56	·30	Nil	·06	Nil	Nil		Nil	·25	nil	7
8	·23	nil		·04	·02	·08	Nil	nil	Nil	nil		Nil	8
9	·57	nil		·30	nil	nil	Nil	nil	·01	nil		nil	9
10	·22	nil	1·33	·46	1·02	·07	Nil	nil	nil	Nil	Nil	·90	10
11	·16	nil	·40	nil		nil	·33	nil	·11	Nil	Nil	·07	11
12	Nil	Nil	nil	·87		·30		Nil	·04	·22	Nil	Nil	12
13	·81	Nil	nil		·08	nil		nil	nil	·31	Nil	·44	13
14	·53	·34	nil	·57	nil	nil	nil	·06	nil	Nil	Nil		14
15	·98		nil	·36	nil	nil	nil	Nil	·03	Nil	Nil	·72	15
16	·24	nil	nil	·15	nil	·06	nil	nil	nil	·01	1·24	·20	16
17	nil	nil	nil	nil	nil	·01	nil	~~·62~~ 68	nil	Nil		nil	17
18	nil	nil	nil	nil	Nil	nil	·31	~~·38~~ 35	·25	nil	·18	nil	18
19	·21	·77	1·38	nil	nil	1·09	nil	·02	nil	nil	·14	4·44	19
20	·92	·21	nil	nil	nil	·25	nil		nil	nil	·21		20
21	·09	·30	nil	nil	nil	·34	nil	·25	nil	Nil	·42		21
22	Nil	·20	nil	nil	nil		Nil	·16	Nil	·22			22
23	Nil	Nil	Nil	nil	nil	·11	Nil	Nil	·84	1·25			23
24	1·02	nil	nil	·30	·13	nil	nil	·03	nil	·08	·27		24
25		nil	nil	nil	Nil	·02	nil	1·34	nil	nil	·10		25
26		nil	·78	·17	nil	·06	nil	·21	nil	nil	·01		26
27	·15	·03	·01	·15	nil	·04	nil	·07	1·58	nil	nil		27
28	nil	nil	nil	·01	nil		nil	·95		nil	·61	1·24	28
29	nil		~~·33~~ nil	nil	nil		nil	·12		nil	nil	1·45	29
30	·01		·16	·23	nil	·04	nil		Nil	nil	nil		30
31	nil		·06		nil		·53	·03		nil		~~·40~~ ·10	31
TOTAL	8·67	2·08	~~5·08~~ 6·08	3·99	3·30	2·75	1·41	4·54	6·00	2·64	3·48	9·96	YEAR'S TOTAL ~~53·90~~ 54·90
Days with ·01 in. or more	23	9	16	16	12	18	9	14	14	10	16	22	(182)

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1921.

Kept at Penny Bridge School

in the County of Lancashire

by William White

Lat. 54° 14' Long. 3° 31'

Time of Observation 9 a.m.

Nearest Railway Station Greenodd

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 118 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. /

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	nil	·12	·20			·01	nil	·13	·06		nil	·34	1
2	·12	·01	nil	·30	·93	nil	nil	·12		·28	nil	·34	2
3		·44	·61		·08	nil		·15	1·00		nil		3
4	nil	nil	·01	nil	·12	nil	·36	1·32		·54	nil	·30	4
5	nil	nil		nil	1·08	nil	nil	nil		·48			5
6	·08	nil	·92	nil	·61	nil	·07	nil	·01	·08	·16	nil	6
7	·25					nil	·30	·03	nil	nil		nil	7
8	·17	·27	nil		·24	nil	·19	·56	nil	nil	·49	·06	8
9		·61	·27	2·04		nil	·28	nil	nil	nil	·16	·04	9
10	·11	·26	·18		nil	nil		·01	nil	nil			10
11		·15	nil		·48		nil	nil	nil	nil		·16	11
12	·31	·41		·31	·08	·78	·63	nil		nil			12
13	·23		·62	·28	·21		·01	nil	·42	nil	1·04	·42	13
14	·16	·74		·57	nil	·36	·78	nil	·93	·13		nil	14
15	·02		·01	·49	nil	nil	·06	nil	·96	·32		nil	15
16		·06	·37	nil	·28	·12	·52	·01	nil	nil		nil	16
17	·67	nil	·16	·26	·39	nil	·24	·38		nil	·01	nil	17
18		·02	·01		·31	·11	nil	nil	·96	nil	nil	nil	18
19	·11	·64	nil	·25	·02	nil	·22	·06		nil	·04	nil	19
20	·26	nil	nil	·18	nil	·19	·15	nil	·36	nil	nil	·42	20
21	·03	nil	nil	·06	nil	nil	nil	nil	nil	nil	nil	·34	21
22	·68	nil	nil	·67	nil	·02	nil	nil	nil	nil	nil	nil	22
23		nil	·33		nil	nil	·68	nil	nil	nil	nil	nil	23
24	·78	nil	·80	·78	nil	·13	·12	nil	nil	nil	nil	·06	24
25		·10	·25		nil	·04	·55	nil		nil	nil	nil	25
26	·17	·11		·61	nil	nil		nil	·10	nil		·36	26
27	·09		·16	·09	~~·12~~	·62	1·75	nil	nil	nil	·27	·48	27
28	·18	·54		·14	~~·24~~	·26		nil	·20	nil		·12	28
29	·16		·18	·01	·42	·06		nil	nil	nil	·22	·22	29
30	·23	╳	·37	nil			nil	nil	·16	nil	·20	·14	30
31	·28	╳	·12	╳	·12	╳	·10	·01	╳	nil	╳	·20	31
Total	6·09	4·48	7·57	7·04	5·37	2·70	6·91	2·78	5·16	1·83	2·59	4·00	Year's Total 56·52
Days with ·01 in. or more	26	20	24	22	18	15	22	11	15	8	19	20	(235)
Days with ·04 in. or more	23	16	21	20	17	11	21	7	14	8	12	17	(187)

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

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REGIS

PENWORTHAM HALL

LANCASHIRE

1913 - 1917

FORM A.
BRITISH RAINFALL.

4- JAN 1914

Kept at Penworthan

in the County of Lanc ... on

by Rev: Thos R. ... ft. 9" in.

100 ft.

IMPORTANT NOTE ... t entered to the previous day. If an Obs ... , he is earnestly requested to add the reading at 9 a.m. on 1st January ... space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
0

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·03		·10	·04							·04		1
2	·01	·16	·26	·10		·20					·17	·14	2
3	·02		·17		·85						·03	·65	3
4	·35	·09	·04		·01	·02	·01			·07	·04	·46	4
5	·29	·08	·02		·08	·08	·27			·01	·03	~~·64~~	5
6	·03	·27	·20		·54	·15	1·43			·20	·25	~~·03~~	6
7		·13	·12		·13	·97	·04			·01	·05	~~·04~~	7
8		·16	·13		·08	·01		1·01	·08		·05	·07	8
9		·17	·27	·24	·11	·64	·05	·35	·10		·03	·30	9
10	·01	·01	·19	·20							·23	·07	10
11	·36		·01	·05		·07				·10	·18	·03	11
12	~~·74~~				·02		·05	·08	·29		·18		12
13			·62				·13	·22	·10	·12	·32		13
14	·14		·17				·02	·04		·41	·32	·08	14
15	·02		·30	·47				·01	·13		·45	·05	15
16	·01		·08	·11							·16		16
17	~~·46~~	·02		·16	·03	·15	·29				·22		17
18	·10		·31	·12	·08	·03	·11				·20		18
19	·09		·02	·11	·05	·17	·01			·28	·12		19
20	·04		·09	·03					·13	·23	·77		20
21			·10		·19		·22	·37			·03		21
22	·38		·35		·07			·88	·20		·15		22
23	·55	·06	·01		·78	·24		·25		·04	·05	·06	23
24	·25			·13	·01					·04	·05	·05	24
25				·06					·48		·10	·13	25
26	·23	·04		1·03		·04			·48		·06	·37	26
27				·36		·03				·25	·06	·08	27
28			·08	·30						·06		·05	28
29			·19	(39) ·39	·09			·10		·05			29
30	·57									·17	·08		30
31	·18		·16		·07								31
Total	3·66	1·19	4·01	3·90	3·19	2·80	2·63	3·31	1·99	2·04	4·42	2·59	YEAR'S TOTAL 35·73
Rain Days.	20	11	24	17	17	14	12	10	9	15	28	~~18~~ 15	~~195~~ 192

W. 7,500, XI. 12

FORM A.
BRITISH RAINFALL.

4- JAN 1914

✓

REGIS

Kept at Penwortham Hall.

in the County of Lancaster

by Rev: Thos. R. Finch

Lat. 53 46 N Long. 2 4

Time of Observation 9 a.m.

Nearest Railway Station Preston

Diameter of Rain Gauge 5" in.

Height of top of Gauge above Ground [illegible] ft. 9" in.

" " " " Sea Level 100 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. 0

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·03		·10	·04							·04		1
2	·01	·16	·26	·10		·20					·17	·14	2
3	·02		·17		·85						·03	·15	3
4	·35	·09	·04		·01	·02	·01			·07	·04	·46	4
5	·29	·08	·02		·08	·08	·27			·01	·03	~~·64~~	5
6	·03	·27	·20		·54	·15	1·43			·20	·25	~~·03~~	6
7		·13	·12		·13	·97	·04			·01	·05	~~·04~~	7
8		·16	·13		·08	·01		1·01	·08		·05	·07	8
9		·17	·27	·24	·11	·64	·05	·35	·10		·03	·30	9
10	·01	·01	·19	·20							·23	·07	10
11	·36		·01	·05		·07				·10	·18	·03	11
12	~~·44~~				·02		·05	·08	·29		·18		12
13			·62				·13	·22	·10	·12	·32		13
14	·14		·17				·02	·04		·41	·32	·08	14
15	·02		·30	·47				·01	·13		·45	·05	15
16	·01		·08	·11							·16		16
17	~~·40~~	·02		·16	·03	·15	·29				·22		17
18	·10		·31	·12	·08	·03	·11				·20		18
19	·09		·02	·11	·05	·17	·01			·28	·12		19
20	·04		·09	·03					·13	·23	·77		20
21			·10		·19		·22	·37			·03		21
22	·38		·35		·07			·88	·20		·15		22
23	·55	·06	·01		·78	·24		·25		·04	·05	·06	23
24	·25			·13	·01					·04	·05	·05	24
25				·06					·48		·10	·13	25
26	·23	·04		1·03		·04			·48		·06	·37	26
27				·36		·03				·25	·06	·08	27
28			·08	·30						·06		·05	28
29			·19	(·39) ·39	·09			·10		·05			29
30	·57									·17	·08		30
31	·18		·16		·07								31
Total	3·66	1·19	4·01	3·90	3·19	2·80	2·63	3·31	1·99	2·04	4·42	2·59	YEAR'S TOTAL 35·73
Rain Days.	20	11	24	17	17	14	12	10	9	15	28	~~18~~ 15	~~195~~ 192

Cwd. 5.IV.15 ~~+~~ W.G.

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
4 JAN 1915

Kept at Penwortham Hall
in the County of Lancaster C 1
by Rev. Thos. R. Finch

Lat. 53·75 N Long. 3° W
Time of Observation 9 a.m
Nearest Railway Station Preston
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground ft. 9 in.
" " " " Sea Level 100 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1			·11			·04	·82	·36			·14	·19	1
2	·03		·05				·49	·39				·42	2
3	·05		·06	·35	·50		·03	·15		·04	·15	·86	3
4	·07		·12	·09	·11	·04	·05	·12			·03	·35	4
5	·18		·34	·09	·05		·01	·04			·35	·04	5
6			·03	·04	·23			·02			·04	·05	6
7	·05		·20		·25	·09		·15			·02	·16	7
8	1·03	·01	·08	·10	·21	·17	·04	·76	·25	·06	·18	·06	8
9	·48	·15	·05		·08	·56		·89	·20		·50		9
10	·01	·06	·11		·03				·22	·01	·33		10
11		·10	·26		·05	·01	·18		·41		·20	·15	11
12		·31	·12				·05		·02		·80	·03	12
13		·19	·06	·01	·04		·03		·10	·07		·11	13
14		·13	·59						·13		·21	·22	14
15		·12	·50						·06		·20		15
16	·01	·07	·08				1·20		1·55			·78	16
17	·01	·41	·23			·02	40 ·49		·30			·07	17
18		·07	·08				·12		·10		·02	·25	18
19		·01	·04			·04	·09		·30			·03	19
20		·18	·08			·14		·01		·02			20
21		·22			·01	·11		·05		·02			21
22		·23	·08	·05	·19	·06					·02		22
23		·03	·23	·09	·16	·01	·03	·07			·35		23
24	·04		·04	·10			·10	·24			·05		24
25	·03						·23	·01		·72	·32	·28	25
26	·04						·24			·28	·35	·17	26
27	·11						·18	·01		·77	32	·58	27
28	·10	·20	·20		·07	·02	·20	[illegible]	·04	·02		·04	28
29	·08		·63		·14		·02	·03		·01	·11	·04	29
30		✕	(12)								·22	·04	30
31	·21	✕	·12	✕	·02	✕	·38		✕	·07	✕		31
Total	2·53	2·49	3·54	·92	2·14	1·31	4·89	2·50	3·68	2·09	5·13	5·02	YEAR'S TOTAL 36·24
Rain Days.	17	17	27	9	16	13	21	16	13	12	22	22	205

W. 8,000. X. 14.

corr. per auth. 16.IV.16

3113

FORM A. BRITISH RAINFALL.
4 JAN 1916

REGISTER OF RAINFALL IN 1915

Kept at Penwortham Hall, nr. Preston

in the County of Lancaster C

by Revd. Thos. R. Finch

Lat. 53.40 N. Long. 3.40 W.

Time of Observation 9 a.m

Nearest Railway Station Preston

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground ft. 9 in.

" " " " Sea Level 100 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following. ·08

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·27	·32	·01	·35	·25		·20	·06	·08	·02		·01	1
2	·02	·50	·30	·60		·05	·46	·46	·04			·01	2
3	·57		·13				·54					·34	3
4	·01	·25	·05		·23		·01					·62	4
5	·14	·21	·18		·02	·20					·01	·77	5
6		·05		·30			·34	·15				·22	6
7	2·18	·33		·15			·52	·55				·13	7
8	·11	·06		·03				·25			·55		8
9		·03		·01			·03	·11			·11	·55	9
10	·59		·22	·10				·52		·02	·11	·08	10
11	·10			·06	·47		·01	·02				snow ·46	11
12	·31			·02	·01			·31		·27	·10		12
13	·08	·05	·01	·12				·19		·08	·38	·07	13
14	·12			·04			·04	·35	·08		·02	·15	14
15	·60								·01		snow ·21	·20	15
16		·38			·19		·34	1·23					16
17		·12			·04			·02					17
18	·21	·42	·20										18
19	·01	·12	·07	·06			·26	·02		·04			19
20	·43	·03	·03	·16	·06							·34	20
21	·17	·06					·60					·25	21
22		·05	·05			·18	·07			·15		·20	22
23			·09				·09		·08	·02		·37	23
24			·05	·04		·63			·32			·47	24
25						·23			·15			·21	25
26		·41				·23	·72					·34	26
27		·22					·43			·33		·12	27
28		·20				1·00		·40		·14		·02	28
29					·06			·02			·09	·09	29
30	·28			·26				·01		·02	·02	·01	30
31	·10						·03	·45		·02		·26	31
Total	6·30	3·81	1·39	2·30	1·33	2·52	4·69	5·12	·76	1·11	1·60	6·29 6·09	YEAR'S TOTAL 37·22 37·02
Rain Days.	19	19	13	15	9	7	17	18	7	11	10	25	~~154~~ 170

1,000, XI. 13

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3039

FORM A.
BRITISH RAINFALL.

2 JAN 1917

REGISTER OF RAINFALL IN 1916

Kept at Penwortham Hall, nr Preston

in the County of Lancaster

by Rev: Thos. R. Finch

Lat. 53·40 N Long. 2·50 W

Time of Observation 9 a.m

Nearest Railway Station Preston

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground ft. 9 in.

" " " " Sea Level 100 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·15

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·08					·20	·39				·12		1
2	·16	·30	·19		·41	·06			·41	·22		·02	2
3	·04	·03	·07	·08			·60		·93	·21	·12	·04	3
4		·13				·55	·06		·05	·25	·12		4
5	·15	·58			·19	·27				·56	·22		5
6	·27	·20	·02		·23	·13	·20			·15	·26	·05	6
7	·01	·14	·01		·05	·04	·41			·13	·15	·36	7
8	·03	·06				·50				·25	·09		8
9	·10	·02	·02		·33	·18			·01		·03	·14	9
10	·03	·20		·19		·02	·10			·20			10
11		·38	·04	·75	·02		·07		·24		·01	·20	11
12	·06	·20	·07	·15	·50		·67	·05	·04	·11			12
13	·07	·01	·10	·10	·01			·95	·09	1·70		·10	13
14	·01	·13		·11	·43		·10	1·30		·11			14
15		·20	·40	·08			·09	·82	·10	·05			15
16	·02	·20	·19	·21			·03	·07	·01	·10			16
17	·15	·17		·37				·28	·84	·08			17
18		·10		·13				·58	·26	·11	·14	·04	18
19	·28		·17	·19				·18			·04	·02	19
20			·17	·63	·16						·12		20
21	·23			·21		·11	·21				·02		21
22	·05									·14	·18	·07	22
23			·06	·09				·04		·05		·26	23
24		·06		·01				·24		·19	·43	·02	24
25	·01	·01	·25		·04	·05		·11	·02	·13		·04	25
26	·10		·05		·05	·20	·57	·03		·19	·06		26
27		·17	·07		·01							·05	27
28		·06		·04						·56	·05	·80	28
29	·01	·09				·25				·26		·77	29
30	·01	X				·05	·01			·50		·02	30
31		X		X	~~2·43~~	X		·19	X	·15	X	·15	31
Total	1·87	3·44	1·88	3·34	2·43	2·61	3·51	4·84	3·00	6·40	2·16	3·15	YEAR'S TOTAL 38·63
Rain Days.	21	22	16	16	13	14	14	13	12	24	17	18	200

W. 8,000. X. 15.

2892

FORM A.
BRITISH RAINFALL.

4 JAN 1918

REGISTER OF RAINFALL IN 1917

Kept at Penwortham Hall, nr. Preston
in the County of Lancaster
by Rev: Thos: R. Finch

Lat. 53·40N Long. 2·50W
Time of Observation 9 a.m.
Nearest Railway Station Preston
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground ft. 9 in.
" " " " Sea Level 100 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1						·09		·07	·08		·22	·18	1
2	·56					·21		·04		·61	·01		2
3	·02			snow ·03		·61				·57	·11	·06	3
4	·38	snow ·30	snow ·11							·70		·01	4
5	·05		·08	·13		·27		·01	·02	·38	·33	·08	5
6	·65									·07	·46	·07	6
7						·14		·35		·90	·12	·14	7
8				·26		·19		·35	·05	·69	·19	·36	8
9	·09			·08				·13		·24	·40		9
10	·19		·43	·08	0·22			·36		·50			10
11					·05			·01		·66	·01		11
12			·04		·52	·06		·08	·79			·02	12
13	·09			·05	·15			·10		·01	·10	·33	13
14				·08				·47		·66		·13	14
15				·20			·12		·47	·07	·01	·34	15
16	·12	·20		·10		·01	·12			·03	·01	·15	16
17		·05	·28	·35	·02		·55		·04	·17	·01		17
18			1·06	·07		·07		1·05	·40	·06	·01	·01	18
19		·23	38		·55			·09	·02				19
20					·06	·48		·08			·45		20
21	·02	·02	snow ·07		·25			·10		·06	·03		21
22				·01	·13	·01		·13	·12	·43	·10		22
23		·12				·44		·12	·07	·35	·17	·05	23
24						·07	·20	·12	[illegible]	·43		·02	24
25		·10	·05					·10		·35	·08		25
26					·34		·32	·68		·18	1·09		26
27			·05	·02		·08		·35		·40	·03		27
28			·22				·05	·19					28
29			·14					·08			·02		29
30		×	·25					·22		·13	·07		30
31		×	snow ·30	×	·07	×		·50	×		×		31
Total	2·17	1·08	3·46	1·46	2·36	2·73	1·36	5·78	2·58	7·39	4·03	1·96	YEAR'S TOTAL 36·36
Rain Days.	10	7	14	13	11	14	6	25	11	24	23	15	~~157~~ 173

W. 8,000, VIII. 16

PRESTWICH
CO. ASYLUM
LANCASHIRE
1911

FORM A2.
BRITISH RAINFALL.
13 JAN 1912

R

Kept at Co. Asyl
in the County of La
by Dede

in.
round 1 ft. in.
Sea Level 295 ft.
au
Name Prestwich
Distance ½ mile Direction E

IMPORTANT NOTE.— the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.		.43		.04		.11	.01			.40	.	1.
2	.03		.15		.16			.06		.09	.05	.16	2
3			.07		.41				.03	.02	.40	.03	3
4			.19	.01	.01		.02	.06	.18		.46	.07	4
5	.17		.06	.04				.31		.03	.02	.07	5
6	.19		.06	.03				.39		.14	.34	.19	6
7	.06										.12	.02	7
8	.22		.28				.01				.01	.68	8
9	.02		.01								.02	.09	9
10	.20	.10	.06						.02			.50	10
11	.11	.01							05		.23	.09	11
12	.01	.02	.20						1.47		.47		12
13			.01		.32						.18	.45	13
14	.05	.57			.11						.05	.25	14
15	.01	.24	.01	.02							.12	.45	15
16		.43	.03			.12	.01				.18	.15	16
17	.02	.01	.06		.01	.27					.19	.11	17
18		.24	.02			.30		.02		.04	.05	.18	18
19		.12		.06		.20	.08		.27	.43	.03	.15	19
20		.26		.36		.02	.07	.84	14	.20		.37	20
21		.59	.04			.	.05	.02		.06		.14	21
22	.05	.02		.10		.02				.44	.01	.05	22
23		.23	.03	.07	.14	.16			.25	.07		.21	23
24	.05	.17		.18		.78		.05		.22		.16	24
25		.27		.24		.09	.12		.60	.07		38	25
26		.02		.26	04	.08	.01	.03		.39	.06	.44	26
27	.02	.25		.46				.62	.44			.16	27
28		.19		.26		.15		.02	.04		.02	.48	28
29				.47		.21		.04	.46	50		.15	29
30				.20	19	.30				18			30
31			.11							28		.06	31
Total	1.21	3.74	1.82	2.71	1.43	2.65	.48	2.47	3.95	3.11	3.41	6.24	TOTAL for year 33.22
No. of Rain Days.	15	18	18	15	10	13	9	13	12	16	21	28	188

W. 8,000, X. '11.

R

FORM A2.
BRITISH RAINFALL.
13 JAN 1912

Kept at Co. Asylum Prestwich
in the County of Lancashire 53
by Fredk Gore.

Rain Gauge: Pattern
Diameter of top in.
Height of top above Ground 1 ft. in.
" " " Sea Level 295 ft.
Time of Observation 9 am
Nearest Railway Station: Name Prestwich
Distance ½ mile Direction E

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			.43		.04		.11	.01			.40		1
2	.03		.15		.16			.06		.09	.05	.16	2
3			.07		.41				.53	.02	.40	.03	3
4			.19	.01	.01		.02	.06	.18		.46	.07	4
5	.17		.06	.04				.31		.03	.02	.07	5
6	.19		.06	.03				.39		.14	.34	.19	6
7	.06										.12	.02	7
8	.22		.28				.01				.01	.68	8
9	.02		.01								.02	.09	9
10	.20	.10	.06						.02			.50	10
11	.11	.01							05		.23	.09	11
12	.01	.02	.20						1.47		.47		12
13			.01		.32						.18	.45	13
14	.05	.57			.11						.05	.25	14
15	.01	.24	.01	.02							.12	.45	15
16		.43	.03			.12	.01				.18	.15	16
17	.02	.01	.06		.01	.27					.19	.11	17
18		.24	.02			.30		.02		.04	.05	.18	18
19		.12		.06		.20	.08		.27	.43	.03	.15	19
20		.26		.36		.02	.07	.84	14	.20		.37	20
21		.59	.04				.05	.02		.06		.14	21
22	.05	.02		.10		.02				.44	.01	.05	22
23		.23	.03	.07	.14	.16			.25	.07		.21	23
24	.05	.17		.18		.78		.05		.22		.16	24
25		.27		.24		.09	.12		.60	.07		38	25
26		.02		.26	04	.03	.01	.03		.39	.06	.44	26
27	.02	.25		.46				.62	.44			.16	27
28		.19		.26		.15		.02	.04		.02	.48	28
29				.47		.21		.04	.46	50		.15	29
30				.20	19	.30				18			30
31			.11							28		.06	31
Total	1.21	3.74	1.82	2.71	1.43	2.65	.48	2.47	3.95	3.11	3.41	6.24	TOTAL for year 33.22
No. of Rain Days.	15	18	18	15	10	13	9	13	12	16	21	28	188

W. 8,000, X. '11.

2840

PRESTWICH

~~MANCHESTE~~R, HEATON PARK

1912 - 20

RE

FORM A.
BRITISH RAINFALL.

11 FEB 1913

Kept at Heaton ... 2°. 15' W.

.0 a.m.

in the County of S ... Heaton Park. Lay Rly.

8 in.

by Manchest ... ove Ground 1 ft. 0 in.

Sea Level 312 ft.

IMPORTANT N ... d the result entered to the previous day. If an ... iversal rule, he is earnestly requested to add the ... ear in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	-	-	·270	-	·010	·130	·250	·020	·270	-	-	·790	1
2	-	-	·150	·060	·080	·150	·090	-	·090	-	·010	·140	2
3	·350	-	·020	-	·050	·310	-	·670	·460	-	-	·100	3
4	-	-	·370	-	·040	·560	-	·410	·120	-	·610	-	4
5	·440	·030	-	-	·300	·130	-	-	·150	·090	-	-	5
6	·350	·170	-	·280	·060	-	-	·280	-	-	-	-	6
7	-	·210	·050	-	·100	·030	-	·070	·400	-	-	-	7
8	·270	·060	·110	·120	·020	·020	-	·080	·100	-	·090	-	8
9	·200	·070	·210	·420	·010	-	·010	-	-	-	·050	·030	9
10	·250	-	-	·010	-	·570	·040	·080	-	-	·460	·080	10
11	·220	·020	-	·020	-	·010	·020	·050	-	-	-	·750	11
12	·110	-	·260	-	-	·070	-	-	-	-	-	·070	12
13	-	-	·020	-	-	-	-	·110	·030	·400	·030	·450	13
14	·240	-	·900	-	-	·060	-	·080	-	-	-	·280	14
15	·130	·160	·280	-	·500	·280	-	-	-	-	-	·270	15
16	·630	-	·320	-	·180	·110	-	·130	-	·230	-	·370	16
17	·100	-	·200	-	·020	·940	-	·570	-	-	·100	·070	17
18	·100	-	·050	-	-	·050	-	·070	-	·350	-	·100	18
19	·050	·040	·300	-	-	·020	·070	·230	-	·210	-	·110	19
20	·190	-	·250	-	·170	·050	·020	·360	-	·330	-	·060	20
21	-	-	·030	-	·150	-	·080	·030	-	·370	-	·110	21
22	-	·310	-	-	·550	·090	·210	·070	-	-	-	·100	22
23	-	-	·060	-	·010	·030	·480	·950	-	-	·320	·030	23
24	·010	·020	·180	-	·040	1200	·080	·070	-	-	·100	·080	24
25	-	·010	·070	-	-	·360	·070	-	-	-	·410	·150	25
26	-	·140	·170	-	-	-	·350	·160	-	1·400	·280	·030	26
27	-	·020	·620	-	-	·630	·460	-	-	·610	·030	·080	27
28	-	·040	·070	-	-	·060	·250	·550	-	·500	·340	-	28
29	-	·020	·080	-	-	·050	·500	·040	·250	·180	-	·100	29
30	·070		·200	-	·285	·080	·030	-	-	·050	-	-	30
31	-		·100		·220		1·680	·450		-		-	31
Total	3.71	1.32	5.34	·91	2.795	4·99	4·69	5.53	1·87	4·72	2.83	4.35	YEAR'S TOTAL 43.055
Rain Days.	17	15	26	6	19	25	18	23	9	12	13	23	206

W. 7,500, XI. 12

FORM A.
BRITISH RAINFALL.

11 FEB 1913

RE

Kept at Heaton Park Manchester

in the County of Lancaster 53

by Manchester Corporation.

Lat. 53° 32′ Long. 2°. 15′ W.

Time of Observation 9.0 a.m.

Nearest Railway Station Heaton Park L&Y Rly.

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 312 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	-	-	·270	-	·010	·130	·250	·020	·270	-	-	·790	1
2	-	-	·150	·060	·080	·150	·090	-	·090	-	·010	·140	2
3	·350	-	·020	-	·050	·310	-	·670	·460	-	-	·100	3
4	-	-	·370	-	·040	·560	-	·410	·120	-	·610	-	4
5	·440	·030	-	-	·300	·130	-	-	·150	·090	-	-	5
6	·350	·170	-	·280	·060	-	-	·280	-	-	-	-	6
7	-	·210	·050	-	·100	·030	-	·070	·400	-	-	-	7
8	·270	·060	·110	·120	·020	·020	-	·080	·100	-	·090	-	8
9	·200	·070	·210	·420	·010	-	·010	-	-	-	·050	·030	9
10	·250	-	-	·010	-	·570	·040	·080	-	-	·460	·080	10
11	·220	·020	-	·020	-	·010	·020	·050	-	-	-	·750	11
12	·110	-	·260	-	-	·070	-	-	-	-	-	·070	12
13	-	-	·020	-	-	-	-	·110	·030	·400	·030	·450	13
14	·240	-	·900	-	-	·060	-	·080	-	-	-	·280	14
15	·130	·160	·280	-	·500	·280	-	-	-	-	-	·270	15
16	·630	-	·320	-	·180	·110	-	·130	-	·230	-	·370	16
17	·100	-	·200	-	·020	·940	-	·570	-	-	·100	·070	17
18	·100	-	·050	-	-	·050	-	·070	-	·350	-	·100	18
19	·050	·040	·300	-	-	·020	·070	·230	-	·210	-	·110	19
20	·190	-	·250	-	·170	·050	·020	·360	-	·330	-	·060	20
21	-	-	·030	-	·150	-	·080	·030	-	·370	-	·110	21
22	-	·310	-	-	·550	·090	·210	·070	-	-	-	·100	22
23	-	-	·060	-	·010	·030	·480	·950	-	-	·320	·030	23
24	·010	·020	·180	-	·040	1200	·080	·070	-	-	·100	·080	24
25	-	·010	·070	-	-	·360	·070	-	-	-	·410	·150	25
26	-	·140	·170	-	-	-	·350	·160	-	1·400	·280	·030	26
27	-	·020	·620	-	-	·630	·460	-	-	·610	·030	·080	27
28	-	·040	·070	-	-	·060	·250	·550	-	·500	·340	-	28
29	-	·020	·080	-	-	·050	·500	·040	·250	·180	-	·100	29
30	·070		·200	-	·285	·080	·030	-	-	·050	-	-	30
31	-		·100		·220		1·680	·450		-		-	31
Total	3·71	1·32	5.34	·91	2·795	4·99	4·69	5.53	1·87	4·72	2·83	4·35	YEAR'S TOTAL 43.055
Rain Days.	17	15	26	6	19	25	18	23	9	12	13	23	206

W. 7,500, XI. 12

REGISTER OF RAINFALL IN 1913

FORM A. BRITISH RAINFALL.

14 MAY 1914

Kept at Heaton Park Se. Mg.

in the County of Lancaster

by Manchester Corporation
J. de Courcy Meade Esq

Lat. 53° 32' Long. 2° 15' W.

Time of Observation 9·0 a.m.

Nearest Railway Station Heaton Park L&Y Rly.

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 312 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	–	·07	·08	–	–	–	–	–	–	–	·10	–	1
2	–	·11	·23	–	–	–	–	–	–	–	–	·06	2
3	·04	·04	·10	–	·40	–	·03	–	–	–	–	·35	3
4	·25	·31	·08	–	·12	·11	–	–	·01	–	·10	·33	4
5	·15	·15	·07	–	·08	·25	·12	–	·01	–	·01	–	5
6	·06	·03	·18	–	·47	·03	–	–	–	–	–	·02	6
7	–	·11	·05	·11	–	·28	–	–	–	·29	·14	·04	7
8	–	·10	·14	·21	·05	–	–	·50	–	–	·03	·24	8
9	–	·29	·20	–	·23	·46	·05	·23	·03	·07	·14	–	9
10	·05	–	·01	·15	·08	–	–	–	·05	·10	·11	–	10
11	–	·01	–	·37	·03	·16	–	–	–	–	·07	·07	11
12	·07	·01	–	·20	–	–	–	–	·10	–	·35	–	12
13	·10	·02	–	·03	–	–	–	·12	·03	·10	·33	–	13
14	·20	·03	·20	·01	–	–	·08	·03	·23	·30	·32	·06	14
15	·02	–	·15	·43	–	–	–	·14	·07	–	·40	·07	15
16	·03	–	·48	·03	–	–	–	–	–	–	·26	–	16
17	–	–	·10	·22	·06	–	·10	–	·23	–	·20	–	17
18	·02	–	·13	–	·06	·01	·10	–	–	–	·22	–	18
19	·02	–	·03	–	·07	·07	–	–	·19	·09	·23	–	19
20	·13	–	·08	·35	·05	–	–	–	–	·13	·50	–	20
21	–	–	·47	–	–	–	·10	·11	–	–	·06	–	21
22	·50	–	·03	·09	·07	–	–	·74	·23	–	–	·01	22
23	·25	–	·12	·04	·38	·30	–	·42	·27	–	·15	·08	23
24	·45	·07	·03	·06	·15	·25	–	·02	–	–	·05	·07	24
25	–	·11	–	·05	–	–	–	–	·40	·04	·11	·59	25
26	–	·06	–	·45	–	·02	–	–	·08	·03	–	·57	26
27	–	·02	·03	·39	–	–	–	–	–	·11	–	·27	27
28	·36	·03	·13	·42	–	–	–	–	–	·11	·11	·02	28
29	·05		–	·49	·02	–	–	·10	–	–	·05	–	29
30	·45		–	–	·10	–	–	–	–	·22	·02	–	30
31	·02		·06		·15		–	–		·03		–	31
Total	3·22	1·57	3·18	4·10	2·57	1·94	·58	2·41	1·93	1·62	4·06	2·85	YEAR'S TOTAL 30·03
Rain Days.	20	18	24	19	18	11	7	10	14	13	24	16	194

W.7,000, XI. 13

Ex LMcC

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
27 MAR 1915

Kept at PRESTWICH Heaton Park.

in the County of Lancaster S 3

by the Manchester Corporation.

Lat. 53° 32' Long. 2° 15' W.

Time of Observation 9.0 am

Nearest Railway Station Heaton Park. L&Y.

Diameter of Rain Gauge 8" in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 312 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	–	–	·11	–	–	–	·85	·56	–	·01	–	·20	1
2	–	–	–	–	–	–	·30	·73	–	·07	·02	·12	2
3	·06	·01	·20	–	·37	–	·03	·11	–	–	–	·43	3
4	·49	·01	·38	·26	·18	–	–	–	–	–	·14	·22	4
5	·12	–	·58	·10	·28	·04	·10	–	–	–	·22	·21	5
6	–	·01	·11	·12	·28	–	·02	·02	–	–	·03	–	6
7	–	·02	·20	·04	·27	·02	–	·21	–	–	·16	·15	7
8	·67	·02	·02	–	·17	·11	·01	·17	·05	–	–	·05	8
9	·45	·11	·02	·19	·06	·56	–	·32	·04	·01	·08	–	9
10	–	·23	·04	·08	·05	·02	–	–	·24	–	·07	·02	10
11	–	·08	·45	·05	·07	·37	·03	–	·24	·02	·71	·10	11
12	–	·10	·15	·04	–	–	·08	–	·62	·06	·70	–	12
13	–	·08	·12	·04	–	–	·04	–	·35	–	–	·27	13
14	–	·02	·17	–	–	–	–	–	·09	–	–	·24	14
15	·01	·21	·38	–	–	·09	–	–	·05	–	–	–	15
16	·01	·05	·14	–	–	–	1.11	–	·68	–	–	–	16
17	·02	·53	·18	–	–	·23	·17	–	·50	–	–	·81	17
18	–	·01	–	–	–	–	–	–	·15	–	–	·09	18
19	–	–	·13	–	–	–	·22	–	·16	–	·03	·48	19
20	–	–	·04	–	–	·03	–	–	–	·03	–	–	20
21	–	·15	–	–	–	·03	–	·12	–	–	–	·01	21
22	–	·21	·01	–	·18	·38	–	·10	–	·02	–	–	22
23	–	–	·16	·19	·10	–	·40	–	–	–	–	·01	23
24	·07	–	·88	·09	–	–	·62	·39	–	–	·17	–	24
25	·06	·01	–	–	–	–	·29	·25	–	·46	·33	–	25
26	·01	·08	–	–	–	–	·04	·02	–	·28	·11	·01	26
27	·05	·01	–	–	–	–	–	–	–	·46	·37	·52	27
28	·09	·15	·07	–	·03	·04	·14	–	·01	·04	·31	·26	28
29	·15	×	·16	–	·14	–	–	·08	·01	·02	·20	·61	29
30	–	×	·17	–	–	–	–	·05	–	·09	·06	·06	30
31	·41	×	·23	×	–	×	·72	–	×	·10	×	·01	31
Total	2·67	2·10	5·10	1·20	2·18	1·92	5.17	3·13	3·19	1·67	3·71	4·88	YEAR'S TOTAL 36·92
Rain Days.	15	21	25	11	13	12	18	14	14	14	17	22	196

W. 8,000. X. 14.

3029

REGISTER OF RAINFALL IN 1915

FORM A.
BRITISH RAINFALL.
23 MAR 1916

Kept at Heaton Park

in the County of Lancaster S

by Manchester Corporation

Lat. 53°-32′ Long. 2°-15′ W

Time of Observation 9 am.

Nearest Railway Station Heaton Park L & Y Ry

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 312 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·04	·37	·43	–	·29	·08	·10	·10	·13	–	–	·27	1
2	·09	·30	·09	·21	–	–	·42	·24	–	·05	–	–	2
3	·55	·02	·08	·31	–	–	·33	·08	–	–	–	·50	3
4	·02	·20	–	–	·05	–	·58	–	–	–	–	·77	4
5	·15	·13	–	–	·05	–	–	·03	–	–	–	·64	5
6	·38	·02	–	·30	–	–	·50	·24	–	–	·02	·58	6
7	·67	·39	–	·11	·67	–	·15	·63	–	–	–	·16	7
8	·18	·10	–	·10	–	–	–	·20	–	–	·29	–	8
9	·04	·03	–	–	–	–	–	–	–	–	·27	·45	9
10	·76	–	–	·03	–	–	·03	·52	–	–	·12	·04	10
11	·23	–	·15	–	·55	–	·15	·14	–	–	·06	·32	11
12	·41	–	·23	–	·05	–	·09	·38	–	·39	·45	–	12
13	·16	·06	·03	–	–	–	·02	–	–	–	–	·04	13
14	·18	–	·02	·11	–	–	·06	·04	·10	·02	–	·28	14
15	1·01	–	–	–	–	–	–	·08	·02	–	·17	·18	15
16	·02	·25	–	–	·26	–	·86	·43	–	–	·05	·05	16
17	·36	·32	–	–	–	–	–	–	–	–	–	–	17
18	·07	·23	–	–	–	–	–	–	–	–	–	–	18
19	–	·37	·07	·10	·09	–	·18	–	–	–	–	–	19
20	–	·05	·01	–	–	–	·09	·04	–	–	–	·25	20
21	–	·05	–	·10	·07	–	·25	–	–	–	–	·21	21
22	–	–	·06	–	–	–	·15	–	–	–	–	·33	22
23	–	–	·11	–	–	–	·13	–	·03	·32	–	·10	23
24	–	–	–	·04	–	·03	–	–	·19	–	–	·42	24
25	·01	–	–	–	–	1·40	–	–	·23	–	–	·31	25
26	–	·30	–	–	–	·14	·27	–	·04	–	–	·06	26
27	–	·16	–	–	–	–	·27	–	–	·68	–	·18	27
28	–	·32	–	–	–	·46	–	·60	–	·20	–	·03	28
29	–	X	–	–	·06	·50	–	·07	–	–	·09	·05	29
30	–	X	–	·09	–	·10	–	·04	–	–	–	–	30
31	·40	X	–	X	–	X	·03	1·23	X	·02	X	·23	31
Total	5·73	3·67	1·28	1·50	2·14	2·71	4·66	5·09	·74	1·68	1·52	6·45	YEAR'S TOTAL 37·17
Rain Days.	20	19	11	11	10	7	20	18	7	7	9	24	163

W. 8,000. X. 15.

Exd C76

reg 42

FORM A.
BRITISH RAINFALL.
29. MAR 19

REGISTER OF RAINFALL IN 1916.

Kept at Heaton Park

in the County of Lancaster

by Manchester Corporation

Lat. 53° - 32' N. Long. 2° - 15' W.
Time of Observation 9am
Nearest Railway Station Heaton Park, L & Y Rly
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 312 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·12	·07	·14	—	—	·30	·54	—	—	—	·28	—	1
2	·28	·18	—	—	—	·07	·03	—	·41	·24	·03	—	2
3	—	·17	—	—	—	·05	·05	—	·38	·31	·14	—	3
4	·10	·28	—	—	·47	·83	—	—	·27	·24	·28	—	4
5	·20	·30	—	—	·04	·57	—	—	—	·78	·21	—	5
6	·67	·44	—	—	·48	·16	·28	—	—	·17	·26	·07	6
7	·05	—	·03	—	·12	·03	·18	—	—	·29	·05	·40	7
8	·02	—	·09	—	—	·22	—	—	—	·07	·58	—	8
9	·12	·04	—	—	·34	·53	·15	—	·37	—	·27	·07	9
10	—	·19	—	·13	—	·08	·04	—	·03	·03	—	·02	10
11	·08	·30	—	·65	—	·03	·05	—	·23	—	—	·13	11
12	·16	·16	·07	·07	·68	—	·56	—	·05	·13	—	—	12
13	—	·19	·10	·10	—	—	—	·52	—	1·44	—	·04	13
14	·04	·06	—	·17	·50	—	—	·27	·06	·18	—	·03	14
15	—	·44	·24	·04	—	—	·05	·67	·15	·05	—	—	15
16	·04	·45	·47	·40	—	—	·02	·48	·01	·10	—	—	16
17	·14	·15	—	·46	—	—	·03	—	·78	·17	—	—	17
18	—	·35	—	·19	—	—	—	·19	·18	·15	·09	—	18
19	·23	—	·28	·20	—	—	—	·08	·02	—	·02	·04	19
20	·26	—	·03	·30	·35	—	—	—	—	—	—	·36	20
21	·04	—	—	·15	·13	—	·18	—	—	—	·01	—	21
22	—	—	—	—	—	·08	—	—	—	·23	—	·16	22
23	·03	—	·06	·05	—	—	—	—	—	·02	·18	·31	23
24	—	—	—	—	—	—	—	·21	—	·02	—	·08	24
25	·16	·11	·16	—	·03	·03	—	·19	—	·02	·48	·06	25
26	·09	—	·09	—	—	—	·02	·04	—	—	·04	—	26
27	—	·11	—	—	·02	·05	—	·02	—	·23	—	—	27
28	—	·12	—	—	—	·14	—	—	—	·27	·02	·41	28
29	—	·02	—	—	—	·16	—	—	—	·26	—	·56	29
30	—	X	—	—	—	·16	·02	—	—	·32	·03	·02	30
31	—	X	—	X	·09	X	—	·08	X	·20	X	·19	31
Total	2·86	4·13	1·76	2·91	3·25	3·49	2·20	2·75	2·94	5·92	2·97	2·95	YEAR'S TOTAL 38·13
Rain Days.	19.	~~18.~~ 20	12.	13.	12.	17.	15.	11.	13.	24.	17.	17.	~~188.~~ 190

W. 8,000, VIII. 16

2797

FORM A.
BRITISH RAINFALL
26 MAR 1918

REGISTER OF RAINFALL IN 1914

Kept at Heaton Park

in the County of Lancaster

by Manchester Corporation

Lat. 53° 32′ N Long. 2° 15′ W.

Time of Observation 9am

Nearest Railway Station Heaton Park L & Y. Rly

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level 312 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.03	–	–	.22	–	.19	–	.11	.25	–	.23	.14	1
2	.58	–	–	–	–	.10	–	.03	–	.03	.04	–	2
3	.05	–	–	–	–	.20	–	–	–	.67	.15	.04	3
4	.13	–	–	–	–	–	–	–	–	.39	–	–	4
5	.29	–	.05	.10	–	–	–	–	–	.24	.24	.04	5
6	.03	–	–	–	–	.50	–	–	–	.42	.29	.13	6
7	.58	–	–	–	–	.07	–	–	–	.74	.04	.11	7
8	.40	–	–	.26	–	–	–	.36	.01	.77	.34	.10	8
9	–	–	.02	.08	.07	–	–	.12	–	.17	.68	.07	9
10	.28	–	.54	.15	.14	–	–	.04	–	–	–	–	10
11	.20	–	–	.17	–	–	–	.02	.02	.46	.03	–	11
12	.04	–	.02	.05	.44	–	–	.20	–	.33	–	.07	12
13	–	–	–	.18	.15	–	–	.06	.49	–	.05	.36	13
14	–	–	–	.11	.06	–	–	.22	–	–	–	.15	14
15	.03	–	–	.05	–	–	.34	.17	.19	.08	–	.28	15
16	–	.12	–	.22	–	.01	–	.30	.03	.02	–	.17	16
17	.05	.03	.23	.27	–	–	.34	1.67	.05	.13	.03	–	17
18	–	–	.07	.02	.14	–	.70	.21	.28	.06	–	–	18
19	–	.25	.17	–	.47	.12	–	–	–	–	.06	–	19
20	–	.27	–	–	.09	.21	–	.13	.10	–	.56	–	20
21	–	.03	.03	–	.12	.05	–	.15	–	.09	.02	–	21
22	–	–	–	–	–	–	–	.38	.24	.45	.13	–	22
23	–	.10	–	–	.08	.17	–	.09	.06	.24	–	.08	23
24	–	–	–	–	–	.08	.02	.41	–	.57	.33	.05	24
25	–	.07	.06	–	–	–	–	.16	–	.19	.12	–	25
26	–	–	–	–	–	–	–	.60	.29	.19	1.13	–	26
27	–	–	.05	–	.12	.21	.31	.44	–	.05	.17	.04	27
28	–	.05	.45	–	–	–	–	.23	–	.18	.04	.04	28
29	–	×	.06	–	.15	–	.05	.14	–	.42	–	.03	29
30	–	×	.18	–	–	–	–	.09	–	.08	.08	–	30
31	–	×	–	×	.02	×	–	.31	×	–	×	–	31
Total	2.69	0.92	1.93	1.88	2.05	1.91	1.76	6.64	2.01	6.94	4.76	1.93	YEAR'S TOTAL 35.45
Rain Days.	13.	8.	13.	13.	13.	12.	6.	25.	12.	24.	21.	17.	144

W. 8,000, IX. 17.

34

FORM A. BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1918

Kept at Heaton Park

in the County of Lancaster

by Manchester Corporation

Lat. 53° 32′ N Long. 2° 15′ W

Time of Observation 9 a.m.

Nearest Railway Station Heaton Park L. & Y. Rly

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level 312 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	–	·29	–	·05	·05	–	–	–	·62	·13	·12	·29	1
2	·03	·16	–	·05	–	–	–	·02	·39	·06	–	1·00	2
3	–	·03	–	–	·80	–	–	·03	·03	·31	–	·02	3
4	·08	·02	–	–	–	–	–	·06	·10	·27	·30	·32	4
5	–	–	–	·24	·30	·16	–	·82	·25	·29	·10	–	5
6	·03	1·35	–	·32	–	·22	–	·16	–	·14	–	·03	6
7	·03	·11	–	·03	·03	–	·03	·03	·21	·55	·16	–	7
8	–	·12	·11	–	–	–	·24	·02	·80	·23	·06	·05	8
9	·60	·64	–	·06	–	·40	–	–	·92	·81	·03	·04	9
10	·08	·30	·02	–	–	–	·04	–	·27	·12	·25	·05	10
11	·08	·14	·04	·03	·13	–	–	·04	·34	·08	–	·25	11
12	–	·33	–	·09	·10	–	·69	·05	·46	–	–	·51	12
13	–	–	–	–	·44	–	–	–	·67	·40	·02	–	13
14	·54	–	–	–	–	·13	·22	–	·62	·07	–	·35	14
15	–	–	–	–	·03	·10	·60	–	1·60	–	–	·66	15
16	–	–	–	–	·02	·06	·07	·05	·32	–	–	·25	16
17	·33	–	–	–	–	·14	·17	·13	·13	·13	–	·29	17
18	·36	–	·06	–	–	·11	·25	–	·43	–	–	·62	18
19	·16	·07	·26	·06	–	–	·28	·23	·37	·03	–	·70	19
20	·11	·62	–	·11	–	·25	·40	–	·36	–	·03	–	20
21	·26	·38	–	–	·12	·19	·04	–	·50	·02	–	·07	21
22	·12	–	–	–	·80	·13	·45	·02	·07	–	–	·76	22
23	·10	–	–	–	·11	–	·26	–	·13	–	·07	·11	23
24	–	·05	–	–	–	–	·03	·13	·11	·05	·07	·25	24
25	–	–	–	–	·05	·04	·19	·72	·27	·02	–	–	25
26	–	·10	–	–	–	–	·05	·05	·34	·06	·24	·11	26
27	–	·11	·32	–	–	·05	–	·45	·46	·03	·30	·65	27
28	–	·05	·43	–	–	–	–	–	·15	–	·21	·68	28
29	–	×	–	–	–	–	–	–	·14	–	–	·22	29
30	–	×	·48	–	–	–	–	·12	·04	·02	·31	·29	30
31	–	×	·25	×	–	×	–	·15	×	·03	×	–	31
Total	2·94	4·90	1·97	1·04	2·98	2·01	4·01	3·28	11·10	3·88	2·27	8·54	YEAR'S TOTAL 48·95
Rain Days.	15	18	9	10	13	13	14	19	29	22	15	25	203

W. 8,000, IX. 17.

2642

Form A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1919.

JAN 20

Kept at HEATON PARK. MANCHESTER
in the County of LANCASTER
by MANCHESTER CORPORATION.

Lat. 53° 32' N Long. 2° 15' W.
Time of Observation 9 am.
Nearest Railway Station Heaton Park L & Y. Rly
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 312 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·50	–	·03	·03	·51	–	·18	·10	·36	·55	–	·12	1
2	·26	–	·46	–	·02	–	·15	·02	·04	·05	·03	·14	2
3	·06	–	–	–	·08	·16	·07	–	·12	–	·06	·12	3
4	·09	·03	·27	–	–	–	·02	·28	·02	–	·02	·19	4
5	·29	–	·03	–	·08	–	–	–	–	–	–	·46	5
6	·50	–	·59	–	·66	–	–	–	–	·02	–	·18	6
7	·07	–	·42	·04	–	–	–	–	·03	–	·14	–	7
8	·09	–	·05	–	–	·06	–	–	–	–	–	–	8
9	·17	–	·18	·05	–	–	–	–	–	–	–	–	9
10	–	–	·89	·25	–	–	–	–	–	–	–	·25	10
11	·02	–	·77	·16	·18	–	·14	–	–	·03	–	·02	11
12	·02	–	·40	·11	–	·22	·02	–	–	·18	–	–	12
13	·41	–	–	·18	–	–	·02	·04	–	·38	–	·06	13
14	·40	–	–	·17	–	–	–	–	–	·04	–	·03	14
15	·28	·03	–	–	–	–	–	·02	–	–	–	·35	15
16	·26	·09	–	·06	–	·03	–	–	–	–	·30	·03	16
17	05	–	–	·17	–	·37	·03	·41	–	–	1·02	·03	17
18	–	–	·54	–	–	–	·06	·57	·05	–	·05	·38	18
19	·11	·24	·79	–	–	·20	·85	·12	·05	–	·27	·10	19
20	·53	·10	–	–	–	·25	·06	·16	–	–	·14	·87	20
21	–	·50	–	–	–	–	·18	–	·09	–	·07	·24	21
22	–	·05	–	–	–	·11	–	·07	·42	–	·15	1·13	22
23	–	–	–	–	–	·28	–	·02	–	·65	·08	·05	23
24	·03	–	–	·05	·26	·02	–	·04	·36	·21	·23	·20	24
25	·25	·02	–	·34	·23	·09	–	·64	·09	–	·30	–	25
26	·06	–	·62	·07	–	–	–	·50	·02	–	·07	·60	26
27	·09	–	·04	·24	–	–	–	·03	–	–	–	·08	27
28	·09	–	–	·03	–	–	–	·38	–	–	–	·48	28
29	·04	✕	–	–	–	–	–	·08	–	·17	–	·08	29
30	–	✕	·15	·18	–	·07	–	·05	–	·05	·15	·20	30
31	–	✕	·07	✕	–	✕	·40	·03	✕	–	✕	·02	31
Total	4·67	1·06	6·30	2·13	2·02	1·86	2·18	3·56	1·65	2·33	3·08	6·41	Year's Total 37·25
Days with ·01 in. or more	24	8	17	16	8	12	13	19	12	11	16	26	182

4,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

7528

26 FEB 1921

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Heaton Park. Manchester

in the County of Lancaster

by Manchester Corporation

Lat. 53° - 32′ N Long. 2° - 15′ W

Time of Observation 9.0 am

Nearest Railway Station Heaton Park L&Y. Rly.

Diameter of Funnel of Rain Gauge eight in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 312 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	–	·07	·14	·38	–	·72	·33	·20	·07	–	·16	1
2	·05	–	–	·11	·02	–	·06	·03	·31	·15	–	·16	2
3	–	·05	·03	·03	·07	·02	·38	·22	·31	·15	–	·13	3
4	·02	–	–	·10	·08	–	·15	1·25	·07	·42	–	·04	4
5	–	–	·08	–	·75	–	·14	·20	·21	·35	–	·03	5
6	–	–	·50	·26	·14	–	·02	–	–	–	·03	–	6
7	·10	·03	·16	·02	·02	–	·29	–	–	–	–	–	7
8	·05	·05	–	·29	·14	–	·07	·08	–	–	–	–	8
9	·45	·90	–	·28	–	–	·46	·06	–	–	·02	–	9
10	·50	·47	·08	·05	–	–	·60	–	–	–	–	·02	10
11	·40	·15	–	·05	·35	·28	·02	–	–	–	·02	–	11
12	·17	·20	·08	·25	·06	·08	·09	·02	–	–	·22	·01	12
13	·07	·12	·25	·33	–	·63	–	–	–	–	·06	–	13
14	·02	·12	·10	·25	–	·35	·08	–	·76	·17	·66	·05	14
15	–	·14	·02	·40	–	–	–	–	–	·30	·11	–	15
16	–	–	·20	·10	·12	·21	·63	–	·10	–	·08	–	16
17	·13	–	·03	–	·21	–	–	·25	·45	·02	–	–	17
18	·12	–	–	·07	·32	–	·19	·01	·21	–	–	–	18
19	·25	1·45	–	·06	·44	·22	–	·15	–	–	–	–	19
20	·23	–	–	·13	–	·09	·27	–	·02	–	–	·06	20
21	·02	–	–	–	–	–	·50	·04	–	·02	–	·28	21
22	·07	–	–	·39	–	·04	·34	·03	–	–	–	·08	22
23	–	–	·04	·12	–	–	·33	·05	–	–	–	·48	23
24	·04	–	·48	·06	–	–	·02	–	–	–	–	·35	24
25	–	·08	·09	·06	·30	·02	·99	·02	–	–	–	–	25
26	·12	·10	·40	·37	–	–	·03	–	–	–	·05	–	26
27	·13	–	·02	·15	·56	·58	·07	–	–	–	·11	·08	27
28	·40	·01	·18	·30	·24	·06	·06	–	–	–	·03	·22	28
29	·39	–	·63	·14	1·90	·02	·44	–	–	–	·20	·54	29
30	·46	×	·02	·12	·25	·20	–	–	·30	–	·10	·52	30
31	·22	×	–	×	·11	×	·02	–	×	·06	×	·05	31
Total	4·41	3·87	3·46	4·63	6·46	2·80	6·97	2·74	2·94	1·71	1·69	3·26	Year's Total 44·94
Days with ·01 in. or more	23	14	20	27	20	14	26	15	11	10	13	18	211
Days with ·04 in. or more	20	12	15	25	18	11	21	10	10	8	9	15	174

PRESTWICH

LANCASHIRE

1919

REGIS

FORM A.
BRITISH RAINFALL.

6 JAN 20

Kept at PRESTW ... rich.

in the County of Lanc ... 8 in.

by Sewage Works W ... 1 ft. — in.

... 136 ft.

IMPORTANT NOTE. ... lt entered to the previous day. If an Obse ... e, he is earnestly requested to add the reading ... space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1											·01	10	1
2											·01	11	2
3											·06	—	3
4											·03	·19	4
5											—	·47	5
6											—	·12	6
7											·17	—	7
8											—	—	8
9											—	—	9
10											—	·21	10
11											—	·01	11
12											·05	—	12
13											—	·04	13
14											·02	·39	14
15											—	—	15
16											·34	·02	16
17											·86	·03	17
18											·04	·28	18
19											·28	·10	19
20											·16	·87	20
21											·07	·10	21
22											·13	1·12	22
23											·09	·06	23
24											·22	·28	24
25											·26	—	25
26											·06	·43	26
27											—	·08	27
28											—	·42	28
29											—	·09	29
30		X									·12	·17	30
31		X		X		X			X		X	·04	31
Total											2.98	5·73	YEAR'S TOTAL
Rain Days.											19	24	

PRESTWICH U.D.C.
5 - JAN 1920
SURVEYOR'S DEPT.

W. 6,500. VII. 18. W W G

REGISTER

FORM A.
BRITISH RAINFALL

6 JAN 20

Kept at PRESTWICH

in the County of Lancaster

by Sewage Works Manager

Lat. 53 31 30 Long.

Time of Observation 9 a.m.

Nearest Railway Station Prestwich.

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level 136 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1. following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1											·01	·10	1
2											·01	·11	2
3											·06	—	3
4											·03	·19	4
5											—	·47	5
6											—	·12	6
7											·17	—	7
8											—	—	8
9											—	—	9
10											—	·21	10
11											—	·01	11
12											·05	—	12
13											—	·04	13
14											·02	·39	14
15											—	—	15
16											·34	·02	16
17											·86	·03	17
18											·04	·28	18
19											·28	·10	19
20											·16	·87	20
21											·07	·10	21
22											·13	1·12	22
23											·09	·06	23
24											·22	·28	24
25											·26	—	25
26											·06	·43	26
27											—	·08	27
28											—	·42	28
29											—	·09	29
30		X									·12	·17	30
31		X		X		X			X		X	·04	31
Total											2.98	5·73	YEAR'S TOTAL
Rain Days.											19	24	

PRESTWICH U.D.C.
5 - JAN 1920
SURVEYOR'S DEPT.

W. 6,500, VII. 18. W W C

2838 — 362697

PRESTWICH S.D.W

1920 – 1930

FORM A. 1. METEOROLOGIC ORGANIZATION.

REGI 920.

2838

2 JAN 192

Kept at Sewage Disp Prestwich

in the County of La

by Prestwich Urb

ong 2° 18 W

9 am

tion Prestwich

f Rain Gauge 8 in.

e above Ground 1 ft. 0 in.

" " " " Sea Level 151 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	NIL	·01	·07	·13	·36	NIL	·67	·20	·18	·06	NIL	·20	1
2	·01	NIL	NIL	·08	·02	NIL	·07	·14	·29	·19	NIL	·13	2
3	·02	·06	·02	·02	·09	NIL	·35	·21	·38	·15	NIL	·12	3
4	·01	NIL	NIL	·08	·05	NIL	·14	1·12	·12	·39	NIL	NIL	4
5	NIL	NIL	·07	·01	·82	NIL	·09	·25	·17	·32	NIL	·05	5
6	·01	NIL	·48	·23	·18	NIL	·02	NIL	NIL	NIL	·02	NIL	6
7	·08	·07	·05	NIL	·02	NIL	·20	·04	NIL	NIL	NIL	·04	7
8	·07	NIL	NIL	·30	·17	NIL	·13	·05	NIL	NIL	NIL	·01	8
9	·44	·72	·02	·03	NIL	NIL	·39	·13	·01	NIL	NIL	·02	9
10	·46	·45	·05	·15	NIL	NIL	·56	NIL	NIL	·01	·01	NIL	10
11	·34	·08	·08	·02	·28	·29	·04	NIL	NIL	NIL	NIL	·06	11
12	·17	·12	·30	·27	·09	·09	NIL	·01	NIL	NIL	·25	NIL	12
13	·22	NIL	·02	·08	NIL	·47	·02	NIL	NIL	NIL	·24	NIL	13
14	·02	·17	NIL	·27	NIL	·33	·29	NIL	·75	·13	·37	NIL	14
15	NIL	·24	·12	·31	NIL	NIL	·09	·02	NIL	·01	·06	·05	15
16	NIL	NIL	·06	·08	·14	·28	·68	NIL	·11	NIL	·07	·09	16
17	·10	·02	·02	·16	·18	NIL	·22	·27	·38	NIL	NIL	NIL	17
18	·36	NIL	NIL	·05	·32	NIL	·14	·17	NIL	NIL	NIL	NIL	18
19	·12	1·38	NIL	·06	·36	·27	NIL	NIL	·14	NIL	NIL	NIL	19
20	·17	·04	NIL	·19	NIL	NIL	·23	NIL	NIL	NIL	NIL	NIL	20
21	·26	NIL	NIL	·17	NIL	NIL	·48	·06	NIL	NIL	·01	·28	21
22	·08	NIL	NIL	·34	NIL	·04	·30	·07	·02	NIL	NIL	·22	22
23	NIL	·01	·05	·11	NIL	NIL	·01	NIL	NIL	NIL	NIL	·51	23
24	·10	NIL	·54	·10	NIL	NIL	·97	NIL	NIL	NIL	NIL	·33	24
25	·02	NIL	·12	·03	·34	NIL	·12	·01	·01	NIL	NIL	NIL	25
26	·14	·02	·38	·33	·05	NIL	·09	NIL	NIL	NIL	·04	·02	26
27	·10	·04	·15	·12	·50	·48	·01	NIL	NIL	NIL	·08	·07	27
28	·59	·01	·34	·40	·26	NIL	·40	·01	NIL	NIL	·03	·21	28
29	·17	·06	·17	·12	1·93	NIL	·04	NIL	NIL	NIL	·19	·52	29
30	·39		·01	·10	·13	·18	NIL	NIL	·23	NIL	·13	·08	30
31	·21		·03		·14		·01	·01		·10		·12	31
TOTAL	4·66	3·50	3·15	4·34	6·43	2·43	6·76	2·77	2·79	1·36	1·50	3·13	YEAR'S TOTAL 42·82
Days with ·01 in. or more	26	17	22	29	21	9	28	17	13	9	13	20	22
Days with ·04 in. or more	20	12	16	24	19	9	23	12	10	7	9	17	178

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

2838

2 JAN 192

REGISTER OF RAINFALL IN 1920.

Kept at Sewage Disposal Works Prestwich
in the County of Lancaster
by Prestwich Urban District Council

Lat. 53° 32½ Long. 2° 18 W
Time of Observation 9 am
Nearest Railway Station Prestwich
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 151 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	NIL	·01	·07	·13	·36	NIL	·67	·20	·18	·06	NIL	·20	1
2	·01	NIL	NIL	·08	·02	NIL	·07	·14	·29	·19	NIL	·13	2
3	·02	·06	·02	·02	·09	NIL	·35	·21	·38	·15	NIL	·12	3
4	·01	NIL	NIL	·08	·05	NIL	·14	1·12	·12	·39	NIL	NIL	4
5	NIL	NIL	·07	·01	·82	NIL	·09	·25	·17	·32	NIL	·05	5
6	·01	NIL	·48	·23	·18	NIL	·02	NIL	NIL	NIL	·02	NIL	6
7	·08	·07	·05	NIL	·02	NIL	·20	·04	NIL	NIL	NIL	·04	7
8	·07	NIL	NIL	·30	·17	NIL	·13	·05	NIL	NIL	NIL	·01	8
9	·44	·72	·02	·03	NIL	NIL	·39	·13	·01	NIL	NIL	·02	9
10	·46	·45	·05	·15	NIL	NIL	·56	NIL	NIL	·01	·01	NIL	10
11	·34	·08	·08	·02	·28	·29	·04	NIL	NIL	NIL	NIL	·06	11
12	·17	·12	·30	·27	·09	·09	NIL	·01	NIL	NIL	·25	NIL	12
13	·22	NIL	·02	·08	NIL	·47	·02	NIL	NIL	NIL	·24	NIL	13
14	·02	·17	NIL	·27	NIL	·33	·29	NIL	·75	·13	·37	NIL	14
15	NIL	·24	·12	·31	NIL	NIL	·09	·02	NIL	·01	·06	·05	15
16	NIL	NIL	·06	·08	·14	·28	·68	NIL	·11	NIL	·07	·09	16
17	·10	·02	·02	·16	·18	NIL	·22	·27	·38	NIL	NIL	NIL	17
18	·36	NIL	NIL	·05	·32	NIL	·14	·17	NIL	NIL	NIL	NIL	18
19	·12	1·38	NIL	·06	·36	·27	NIL	NIL	·14	NIL	NIL	NIL	19
20	·17	·04	NIL	·19	NIL	NIL	·23	NIL	NIL	NIL	NIL	NIL	20
21	·26	NIL	NIL	·17	NIL	NIL	·48	·06	NIL	NIL	·01	·28	21
22	·08	NIL	NIL	·34	NIL	·04	·30	·07	·02	NIL	NIL	·22	22
23	NIL	·01	·05	·11	NIL	NIL	·01	NIL	NIL	NIL	NIL	·51	23
24	·10	NIL	·54	·10	NIL	NIL	·97	NIL	NIL	NIL	NIL	·33	24
25	·02	NIL	·12	·03	·34	NIL	·12	·01	·01	NIL	NIL	NIL	25
26	·14	·02	·38	·33	·05	NIL	·09	NIL	NIL	NIL	·04	·02	26
27	·10	·04	·15	·12	·50	·48	·01	NIL	NIL	NIL	·08	·07	27
28	·59	·01	·34	·40	·26	NIL	·40	·01	NIL	NIL	·03	·21	28
29	·17	·06	·17	·12	1·93	NIL	·04	NIL	NIL	NIL	·19	·52	29
30	·39	╳	·01	·10	·13	·18	NIL	NIL	·23	NIL	·13	·08	30
31	·21	╳	·03	╳	·14	╳	·01	·01	╳	·10	╳	·12	31
TOTAL	4·66	3·50	3·15	4·34	6·43	2·43	6·76	2·77	2·79	1·36	1·50	3·13	YEAR'S TOTAL 42·82
Days with ·01 in. or more	26	17	22	29	21	9	28	17	13	9	13	20	224
Days with ·04 in. or more	20	12	16	24	19	9	23	12	10	7	9	17	178

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

REGIS 11.

FORM A2.
BRITISH RAINFALL.
5 - JAN 1912

PRESTON.
MOOR. PARK
LANCASHIRE
1911-17, 19 — 1920

Kept at Corporation Offi
in the County of Lanc
by Preston Cor

8 in.
ve Ground 18 ft. 7· in.
Sea Level 148 ft.
O'clock A.M.
Name Preston
Distance 1/2 mile Direction South.

IMPORTANT NOTE.—R d the result entered to the previous day. If an Observer versal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0.00.	0.00	0.19	0.00	0.00	0.00	0.11.	0.36.	0.00	0.00	0.30	0.04	1
2	0.02.	0.00	0.07	0.00	0.16	0.00	0.00	0.05	0.00	0.03.	0.15	0.10	2
3	0.00	0.00	0.12.	0.00	0.61	0.00	0.00	0.03	0.03.	0.00	0.37.	0.07.	3
4	0.00	0.00	0.04	0.01.	0.00	0.00	0.04	0.45	0.20	0.00	0.50	0.07	4
5	0.23.	0.00	0.10	0.00	0.00	0.00	0.00	1.34	0.00	0.00	0.05	0.07.	5
6	0.12.	0.00	0.00	0.04	0.00	0.00	0.00	0.49.	0.00	0.00	0.16	0.06	6
7	0.02	0.00	0.00	0.01.	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	7
8	0.06	0.00	0.47.	0.00	0.00	0.00	0.00	0.00	0.01.	0.00	0.07.	0.50	8
9	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	9
10	0.30	0.09.	0.05	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.40	10
11	0.05	0.01.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39.	0.08	11
12	0.00	0.00	0.16	0.00	0.05	0.00	0.00	0.00	1.41.	0.00	0.50	0.00	12
13	0.00	0.10	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.11	0.40	13
14	0.03.	0.52.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.15	14
15	0.02.	0.30.	0.00	0.15.	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.17	15
16	0.01	0.19.	0.04	0.00	0.00	0.08	0.04	0.00	0.00	0.00	0.16	0.12	16
17	0.01	0.00	0.01.	0.00	0.02	0.50	0.00	0.00	0.00	0.00	0.17	0.09	17
18	0.00	0.24.	0.00	0.07	0.00	0.06	0.00	0.00	0.00	0.01.	0.03.	0.10	18
19	0.00	0.12.	0.00	0.15	0.00	0.12	0.02.	0.00	0.41.	0.11.	0.00	0.14	19
20	0.00	0.21.	0.00	0.45	0.00	0.02	0.09	0.15	0.18	0.04	0.00	0.41	20
21	0.00	0.85.	0.01.	0.04	0.00	0.03	0.00	0.11	0.00	0.15	0.00	0.14	21
22	0.05	0.01.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24.	0.00	0.02	22
23	0.02	0.29	0.01.	0.02.	0.17.	0.18	0.00	0.00	0.24	0.04	0.00	0.22	23
24	0.08	0.08	0.00	0.29.	0.00	0.74.	0.00	0.06	0.01.	0.52	0.00	0.05	24
25	0.00	0.23	0.00	0.42.	0.00	0.17.	0.06	0.00	0.72.	0.25	0.00	0.23.	25
26	0.00	0.02	0.00	0.29.	0.00	0.00	0.00	0.19.	0.00	0.22.	0.11	0.34	26
27	0.02	0.25	0.01.	0.34	0.00	0.00	0.02	0.60	0.72.	0.00	0.00	0.17.	27
28	0.00	0.20	0.00	0.34	0.00	0.39.	0.00	0.00	0.17	0.00	0.00	0.45	28
29	0.00		0.00	0.48	0.00	0.18	0.00	0.00	0.32.	0.85	0.00	0.15	29
30	0.00		0.00	0.00	0.27.	0.16	0.11.	0.00	0.00	0.26	0.03.	0.00	30
31	0.00		0.06		0.00		0.01	0.00		0.08		0.12	31
Total	1.09.	3.71.	1.34	3.10	1.58	2.63	0.50	3.83	4.62	2.80	3.49.	5.12.	TOTAL for year 33.81.
No. of Rain Days.	16	17	14	15	7	12	9	11	13	13	16	28	173

W. 8,000, X. '11.

REGISTER OF RAINFALL IN 1911.

FORM A2.
BRITISH RAINFALL.
5 - JAN 1912

Kept at Corporation Offices Tithe Barn Street
in the County of Lancashire C1
by Preston Corporation

RAIN GAUGE
Pattern
Diameter of top 8 in.
Height of top above Ground 18 ft. 7 in.
" " " Sea Level 148 ft.

Time of Observation 9 O'clock A.M.

Nearest Railway Station
Name Preston
Distance 1/2 mile Direction South.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0.00.	0.00	0.19	0.00	0.00	0.00	0.11.	0.36.	0.00	0.00	0.30	0.04	1
2	0.02.	0.00	0.07	0.00	0.16	0.00	0.00	0.05	0.00	0.03.	0.15	0.10	2
3	0.00	0.00	0.12	0.00	0.61	0.00	0.00	0.03	0.03.	0.00	0.37.	0.07.	3
4	0.00	0.00	0.04	0.01.	0.00	0.00	0.04	0.45	0.20	0.00	0.50	0.07	4
5	0.23.	0.00	0.10	0.00	0.00	0.00	0.00	1.34	0.00	0.00	0.05	0.07.	5
6	0.12.	0.00	0.00	0.04	0.00	0.00	0.00	0.49.	0.00	0.00	0.16	0.06	6
7	0.02	0.00	0.00	0.01.	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	7
8	0.06	0.00	0.47.	0.00	0.00	0.00	0.00	0.00	0.01.	0.00	0.07.	0.50	8
9	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	9
10	0.30	0.09.	0.05	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.40	10
11	0.05	0.01.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39.	0.08	11
12	0.00	0.00	0.16	0.00	0.05	0.00	0.00	0.00	1.41.	0.00	0.50	0.00	12
13	0.00	0.10	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.11	0.40	13
14	0.03.	0.52.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.15	14
15	0.02.	0.30.	0.00	0.15.	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.17	15
16	0.01	0.19.	0.04.	0.00	0.00	0.08	0.04	0.00	0.00	0.00	0.16	0.12	16
17	0.01	0.00	0.01.	0.00	0.02	0.50	0.00	0.00	0.00	0.00	0.17	0.09	17
18	0.00	0.24.	0.00	0.07.	0.00	0.06	0.00	0.00	0.00	0.01.	0.03.	0.10	18
19	0.00	0.12.	0.00	0.15	0.00	0.12	0.02.	0.00	0.41.	0.11.	0.00	0.14	19
20	0.00	0.21.	0.00	0.45	0.00	0.02	0.09	0.15	0.18	0.04	0.00	0.41	20
21	0.00	0.85.	0.01.	0.04	0.00	0.03	0.00	0.11	0.00	0.15	0.00	0.14	21
22	0.05	0.01.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24.	0.00	0.02	22
23	0.02	0.29	0.01.	0.02.	0.17.	0.18	0.00	0.00	0.24	0.04	0.00	0.22	23
24	0.08	0.08	0.00	0.29.	0.00	0.74.	0.00	0.06	0.01.	0.52	0.00	0.05	24
25	0.00	0.23	0.00	0.42.	0.00	0.17.	0.06	0.00	0.72.	0.25	0.00	0.23.	25
26	0.00	0.02	0.00	0.29.	0.00	0.00	0.00	0.19.	0.00	0.22.	0.11	0.34	26
27	0.02	0.25	0.01.	0.34	0.00	0.00	0.02	0.60	0.72.	0.00	0.00	0.17.	27
28	0.00	0.20	0.00	0.34	0.00	0.39.	0.00	0.00	0.17	0.00	0.00	0.45	28
29	0.00		0.00	0.48	0.00	0.18	0.00	0.00	0.32.	0.85	0.00	0.15	29
30	0.00		0.00	0.00	0.27.	0.16	0.11.	0.00	0.00	0.26	0.03.	0.00	30
31	0.00		0.06		0.00		0.01	0.00		0.08		0.12	31
Total	1.09.	3.71.	1.34	3.10	1.58	2.63	0.50	3.83	4.62	2.80	3.49.	5.12.	TOTAL for year 33.81.
No. of Rain Days.	16	17	14	15	7	12	9	11	13	13	16	28	173

W. 8,000, X. '11.

made

FORM A2.
BRITISH RAINFALL.
16 JAN 1913

REGISTER OF RAINFALL IN 1912

E R

Kept at Preston

in the County of Lancashire Cl.

by

Rain Gauge
Pattern
Diameter of top 8 in.
Height of top above Ground 18 ft. 7 in.
" " " Sea Level 148 ft.

Time of Observation 9.0am.

Nearest Railway Station
Name Preston
Distance ½ mile Direction W.S.W.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.00	.00	.21	.00	.00	.10	.00	.01	.16	.00	.03	.65	1
2	.04	.03	.50	.04	.10	.24	.08	.00	.07	.00	.00	.15	2
3	.24	.00	.06	.00	.00	.32	.00	.23	.42	.00	.00	.11	3
4	.62	.00	.67	.15	.02	.56	.00	.76	.09	.00	.87	.01	4
5	.09	.02	.00	.00	.32	.07	.00	.03	.25	.00	.03	.00	5
6	.35	.21	.00	.00	.03	.00	.00	.06	.00	.00	.03	.00	6
7	.00	.04	.01	.02	.28	.30	.19	.08	.21	.00	.02	.00	7
8	.42	.18	.08	.04	.00	.05	.00	.11	.09	.00	.04	.02	8
9	.05	.03	.58	.26	.00	.08	.00	.00	.00	.00	.10	.12	9
10	.12	.00	.00	–	.02	.50	.03	.14	.00	.00	.51	.03	10
11	.03	.00	.00	–	.11	.00	.12	.09	.00	.00	.00	.44	11
12	.09	.05	.40	–	.00	.41	.00	.00	.00	.00	.00	.04	12
13	.05	.00	.00	–	.00	.00	.00	.07	.00	.27	.00	.15	13
14	.17	.00	.44	–	.00	.28	.00	.11	.03	.00	.00	.35	14
15	.19	.16	.05	–	.45	.14	.00	.05	.00	.00	.01	.12	15
16	.21	.00	.14	–	.04	.00	.00	.10	.02	.29	.05	.04	16
17	.03	.30	.48	–	.00	1.17	.00	.54	.00	.00	.10	.49	17
18	.05	.03	.00	–	.00	.11	.00	.04	.00	.45	.14	.09	18
19	.00	.02	.62	–	.00	.01	.00	.12	.00	.37	.14	.00	19
20	.07	.00	.10	–	.34	.05	.03	.25	.00	.23	.00	.06	20
21	.00	.03	.10	–	.03	.01	.02	.14	.00	.31	.02	.09	21
22	.00	.20	.00	–	.35	.00	.15	.45	.00	.00	.03	.00	22
23	.04	.00	.19	–	.00	.30	.33	.97	.00	.01	.36	.01	23
24	.00	.03	.12	–	.00	.38	.18	.04	.00	.00	.18	.12	24
25	.00	.00	.09	–	.00	.50	.00	.02	.00	.00	.36	.13	25
26	.00	.09	.18	–	.00	.02	.46	.20	.00	1.36	.14	.12	26
27	.00	.06	.48	–	.01	.49	.63	.01	.00	.25	.03	.07	27
28	.00	.05	.02	–	.00	.48	.85	.29	.00	.23	.11	.03	28
29	.00	.05	.02	–	.00	.05	1.01	.09	.55	.06	.00	.05	29
30	.00		.18	–	.18	.06	.05	.00	.00	.08	.05	.00	30
31	.00		.08		.16		1.82	.34		.00		.21	31
Total	2.82	1.58	5.80	.51	2.44	6.68	5.95	5.34	1.89	3.91	3.35	3.70	TOTAL for year 43.97
No. of Rain Days.	17	18	24	5	15	25	15	27	10	12	22	25	215

J H Smethurst

W. 8,000, X. '11.

FORM A.
BRITISH RAINFALL.
9 JAN 1914

REGISTER OF RAINFALL IN 1913

Kept at Preston

in the County of Lancashire C.1

by J H Smithurst

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 7 in.

" " " " Sea Level 148 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0.07	0.01	0.15	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	1
2	0.02	0.15	0.28	0.08	0.00	0.18	0.00	0.00	0.00	0.00	0.15	0.18	2
3	0.02	0.00	0.18	0.00	0.76	0.00	0.00	0.00	0.00	0.06	0.06	0.60	3
4	0.24	0.08	0.11	0.00	0.00	0.01	0.04	0.00	0.00	0.00	0.05	0.47	4
5	0.27	0.09	0.04	0.00	0.04	0.07	0.27	0.00	0.00	0.00	0.05	0.02	5
6	0.04	0.35	0.22	0.00	0.52	0.14	0.84	0.00	0.00	0.02	0.21	0.03	6
7	0.00	0.18	0.17	0.00	0.10	0.37	0.00	0.00	0.00	0.19	0.06	0.05	7
8	0.00	0.20	0.15	0.00	0.09	0.08	0.00	0.39	0.04	0.01	0.06	0.03	8
9	0.00	0.18	0.28	0.13	0.11	0.73	0.02	0.23	0.00	0.00	0.04	0.26	9
10	0.00	0.02	0.19	0.16	0.00	0.02	0.00	0.00	0.09 0.24	0.01	0.22	0.00	10
11	0.42	0.00	0.00	0.22	0.00	0.08	0.00	0.00	0.14	0.07	0.18	0.08	11
12	0.05	0.00	0.00	0.00	0.03	0.00	0.04	0.05	0.00	0.00	0.25	0.05	12
13	0.00	0.00	0.70	0.00	0.00	0.00	0.19	0.20	0.05	0.11	0.33	0.00	13
14	0.08	0.00	0.19	0.06	0.00	0.00	0.00	0.04	0.00	0.41	0.11	0.03	14
15	0.02	0.00	0.28	0.57	0.00	0.00	0.00	0.02	0.00	0.00	0.64	0.06	15
16	0.00	0.00	0.11	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	16
17	0.00	0.00	0.00	0.20	0.04	0.20	0.27	0.00	0.07	0.00	0.26	0.00	17
18	0.13	0.00	0.36	0.13	0.16	0.06	0.11	0.00	0.00	0.00	0.15	0.00	18
19	0.07	0.00	0.03	0.14	0.04	0.13	0.00	0.00	0.00	0.26	0.20	0.00	19
20	0.05	0.00	0.08	0.02	0.01	0.00	0.00	0.00	0.15	0.21	0.79	0.00	20
21	0.00	0.00	0.12	0.00	0.12	0.00	0.25	0.36	0.06	0.00	0.01	0.00	21
22	0.40	0.00	0.38	0.00	0.09	0.16	0.00	0.75	0.00	0.00	0.00	0.00	22
23	0.53	0.00	0.00	0.00	0.70	0.09	0.00	0.09	0.49	0.02	0.16	0.10	23
24	0.29	0.06	0.00	0.12	0.00	0.02	0.00	0.00	0.47	0.00	0.06	0.04	24
25	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.04	0.07	0.16	25
26	0.00	0.04	0.00	1.07	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.48	26
27	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.22	0.10	0.08	27
28	0.39	0.00	0.08	0.30	0.01	0.04	0.00	0.00	0.00	0.05	0.05	0.00	28
29	0.00		0.18	0.42	0.08	0.00	0.00	0.11	0.00	0.08	0.08	0.00	29
30	0.70		0.00	0.00	0.00	0.00	0.00	0.00		0.17	0.04	0.00	30
31	0.16		0.15		0.09		0.00	0.00		0.00		0.00	31
Total	3.97	1.36	4.43	4.12	2.99	2.46	2.03	2.24	1.80	1.93	4.58	2.72	YEAR'S TOTAL 34.63
Rain Days.	19	11	22	18	17	17	9	10	10	16	28	17	194

W.7,000, XI. 13

Smoke ✓

Ex LMcC.

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
14 JAN 1915

Kept at Preston

in the County of Lancaster C 1.

by Thomas Cookson Borough Engineer + Surveyor

Lat. Long.

Time of Observation 9 a.m

Nearest Railway Station Preston

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 18 ft. 7 in.

" " " " Sea Level 148 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0·02	0·02	0·13	0·00	0·00	0·05	0·60	0·42	0·00	0·00	0·00	0·20	1
2	0 02	0·00	0·06	0·01	0·00	0·00	0·47	0·27	0·00	0·03	0·12	0·41	2
3	0·06	0·00	0·09	0·00	0·59	0·00	0·03	0·10	0·00	0·00	0·00	0·89	3
4	0·10	0·00	0·16	0·42	0·14	0·02	0·06	0·05	0·00	0·00	0·14	0·36	4
5	0·12	0·00	0·32	0·06	0·06	0·03	0·00	0·00	0·00	0·00	0·07	0·04	5
6	0·00	0·00	0·03	0·10	0·21	0·00	0·00	0·04	0·00	0·00	0·42	0·05	6
7	0·06	0·02	0·22	0·04	0·19	0·04	0·00	0·14	0·00	0·00	0·04	0·14	7
8	1·13	0·00	0·05	0·01	0·12	0·16	0·04	0·72	0·08	0·04	0·03	0·07	8
9	0·46	0·14	0·04	0·09	0·06	0·49	0·00	0·10	0·09	0·00	0·19	0·00	9
10	0·02	0·07	0·12	0·00	0·00	0·01	0·00	0·00	0·22	0·00	0·23	0·00	10
11	0·00	0·10	0·31	0·00	0·00	0·01	0·12	0·00	0·21	0·00	0·52	0·10	11
12	0·00	0·33	0·09	0·00	0·04	0·00	0·05	0·00	0·75	0·00	0·27	0·05	12
13	0·00	0·28	0·08	0·02	0·03	0·00	0·04	0·00	0·13	0·07	0·26	0·08	13
14	0·00	0·12	0·08	0·00	0·00	0·00	0·00	0·00	0·05	0·00	0·22	0·23	14
15	0·00	0·02	0·51	0·00	0·00	0·00	0·00	0·00	0·06	0·00	0·28	0·00	15
16	0·00	0·03	0·03	0·00	0·00	0·00	1·26	0·00	1·45	0·00	0·00	0·00	16
17	0·02	0·67	0·22	0·00	0·00	0·03	0·38	0·00	0·38	0·00	0·00	0·82	17
18	0·00	0·11	0·09	0·00	0·00	0·04	0·03	0·00	0·07	0·02	0·00	0·10	18
19	0·00	0·02	0·06	0·00	0·00	0·00	0·09	0·00	0·25	0·00	0·02	0·25	19
20	0·00	0·22	0·08	0·00	0·03	0·00	0·00	0·00	0·00	0·01	0·00	0·00	20
21	0·00	0·22	0·00	0·00	0·00	0·10	0·00	0·00	0·00	0·02	0·00	0·04	21
22	0·00	0·24	0·00	0·06	0 26	0·16	0·02	0·05	0·00	0·00	0·00	0·00	22
23	0·00	0·03	0·11	0·12	0·10	0·03	0·08	0·00	0·00	0·00	0·00	0·00	23
24	0·09	0·00	0·19	0·08	0·00	0·02	0·21	0·06	0·00	0·00	0·42	0·00	24
25	0·07	0·00	0·00	0·00	0·00	0·00	0·34	0·22	0·00	0·73	0·06	0·47	25
26	0·04	0·00	0·04	0·00	0·00	0·00	0·04	0·00	0·00	0·23	0·40	0·23	26
27	0·11	0·00	0·00	0·00	0·00	0·01	0·00	0·00	0·03	0·66	0·54	0·62	27
28	0·09	0·19	0·18	0·00	0·07	0·00	0·01	0·01	0·01	0·01	0·39	0·04	28
29	0·11	✕	0·05	0·00	0·12	0·00	0·00	0·01	0·00	0·01	0·16	0·02	29
30	0·00	✕	0·15	0·00	0·00	0·00	0·00	0·03	0·00	0·01	0·27	0·05	30
31	0·27	✕	0·12	✕	0·02	✕	0·41	0·00	✕	0·07	✕	0·00	31
Total	2·79 ✓	2·83 ✓	3·61 ✓	1·01 ✓	2·04 ✓	1·20 ✓	4·28	2·22	3·78	1·91	5·05	5·26	YEAR'S TOTAL 35·98 ✓
Rain Days.	17	18	27	11	15	15	19	14	14	13	21	22	206 ✓

W. 8,000. X. 14.

Ex LMcO

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL
5 - JAN 1915

Kept at Preston Corporation Offices

in the County of Lancaster

by J H Smethurst CE

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Rain Gauge 8" in.

Height of top of Gauge above Ground 18 ft. 7 in.

" " " " Sea Level 148 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0.02	002	0.13	000	000	005	0.60	0.42	000	000	000	0.20	1
2	0.02	000	0.06	001	000	000	0.47	0.27	000	0.03	0.12	0.41	2
3	0.06	000	0.09	000	0.59	000	003	0.10	000	000	000	0.89	3
4	0.10	000	0.16	0.42	0.14	0.02	006	0.05	000	000	0.14	0.36	4
5	0.12	000	0.32	006	0.06	0.03	000	000	000	000	007	0.04	5
6	0.00	000	0.03	0.10	0.21	000	000	0.04	000	000	0.42	0.05	6
7	0.06	0.02	0.22	0.04	0.19	0.04	000	0.14	000	000	004	0.14	7
8	1.13	000	0.05	0.01	0.12	0.16	0.04	0.72	0.08	0.04	003	0.07	8
9	0.46	0.14	0.04	0.09	0.06	0.49	000	0.10	0.09	000	0.19	000	9
10	0.02	0.07	0.12	000	000	0.01	000	000	0.22	000	0.23	000	10
11	0.00	0.10	0.31	0.00	000	0.01	0.12	000	0.21	000	0.52	0.10	11
12	000	0.33	0.09	000	0.04	0.00	0.05	000	0.75	000	0.27	0.05	12
13	000	0.28	0.08	0.02	0.03	000	0.04	000	0.13	007	0.26	0.08	13
14	000	0.12	0.08	0.00	000	000	000	000	0.05	000	0.22	0.23	14
15	000	0.02	0.51	000	000	000	000	000	0.06	000	0.28	000	15
16	000	0.03	0.03	000	000	000	1.26	000	1.45	000	000	000	16
17	0.02	0.67	0.22	000	000	0.03	0.38	000	0.38	000	000	0.82	17
18	0.00	0.11	0.09	000	000	0.04	0.03	000	0.07	002	000	0.10	18
19	000	0.02	0.06	000	000	000	0.09	000	0.25	000	002	0.25	19
20	000	0.22	0.08	000	0.03	000	000	000	000	0.01	000	000	20
21	0.00	0.22	000	000	000	0.10	000	000	000	0.02	000	0.04	21
22	000	0.24	000	006	0.26	0.16	0.02	0.05	000	000	000	000	22
23	000	0.03	0.11	0.12	0.10	0.03	0.08	000	000	000	000	000	23
24	0.09	000	0.19	0.08	000	0.02	0.21	0.06	000	000	0.42	000	24
25	0.07	000	000	000	000	000	0.34	0.22	000	0.73	0.06	0.47	25
26	0.04	000	0.04	000	000	000	0.04	0.00	000	0.23	0.40	0.23	26
27	0.11	000	0.00	000	000	0.01	0.00	0.00	0.03	0.66	0.54	0.62	27
28	0.09	0.19	0.18	000	0.07	000	0.01	0.01	0.01	0.01	0.39	0.04	28
29	0.11		0.05	000	0.12	000	000	0.01	000	0.01	0.16	0.02	29
30	000	X	0.15	000	000	000	000	0.03	000	0.01	0.27	0.05	30
31	0.27	X	0.12	X	0.02	X	0.41	000	X	0.07	X	000	31
Total	2.79	2.83	3.61	1.01	2.04	1.20	4.28	2.22	3.78	1.91	5.05	5.26	YEAR'S TOTAL 35.98
Rain Days.	17	18	27	11	~~14~~ 15	15	19	14	14	13	21	22	205 206

W. 8,000. X. 14.

3115

REGISTER OF RAINFALL IN 1915.

FORM A.
BRITISH RAINFALL.
5 JAN 1916

Kept at Corporation Offices Preston.
in the County of Lancashire
by J. H. Smethurst C. E.

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge Eight in.
Height of top of Gauge above Ground 18 ft. 7 in.
" " " " Sea Level 148 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0·31	0·43	0·07	0·00	0·32	0·00	0·25	0·08	0·00	0·02	0·00	0·01	1
2	0·00	0·54	0·38	0·35	0·00	0·05	0·43	0·22	0·00	0·02	0·00	0·00	2
3	0·52	0·00	0·19	0·64	0·00	0·00	0·53	0·00	0·06	0·00	0·00	0·32	3
4	0·02	0·25	0·07	0·00	0·25	0·15	0·00	0·00	0·00	0·00	0·00	0·61	4
5	0·15	0·20	0·18	0·00	0·02	0·05	0·00	0·00	0·00	0·00	0·00	0·80	5
6	0·27	0·04	0·03	0·27	0·00	0·00	0·48	0·14	0·00	0·00	0·00	0·23	6
7	0·92	0·37	0·00	0·18	0·00	0·00	0·33	0·55	0·00	0·00	0·00	0·14	7
8	0·18	0·07	0·00	0·00	0·00	0·00	0·00	0·16	0·00	0·00	0·57	0·00	8
9	0·00	0·04	0·00	0·01	0·00	0·00	0·01	0·22	0·00	0·01	0·11	0·46	9
10	0·61	0·00	0·26	0·08	0·00	0·00	0·01	0·57	0·00	0·02	0·03	0·15	10
11	0·06	0·00	0·00	0·00	0·50	0·00	0·00	0·04	0·00	0·00	0·09	0·47	11
12	0·36	0·00	0·01	0·00	0·00	0·00	0·00	0·24	0·00	0·31	0·47	0·00	12
13	0·11	0·03	0·00	0·08	0·00	0·00	0·00	0·26	0·01	0·00	0·00	0·07	13
14	0·13	0·00	0·00	0·13	0·00	0·00	0·30	0·24	0·06	0·06	0·01	0·13	14
15	0·89	0·00	0·00	0·04	0·00	0·00	0·00	0·00	0·01	0·00	0·38	0·24	15
16	0·00	0·47	0·00	0·03	0·15	0·00	0·29	1·20	0·00	0·00	0·00	0·00	16
17	0·00	0·14	0·04	0·00	0·00	0·00	0·00	0·06	0·00	0·00	0·00	0·05	17
18	0·01	0·42	0·08	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	18
19	0·00	0·11	0·09	0·06	0·08	0·00	0·18	0·00	0·00	0·03	0·00	0·00	19
20	0·42	0·00	0·01	0·00	0·00	0·00	0·00	0·04	0·00	0·00	0·00	0·35	20
21	0·12	0·08	0·00	0·21	0·00	0·00	0·20	0·00	0·00	0·00	0·00	0·25	21
22	0·00	0·02	0·03	0·00	0·00	0·10	0·06	0·00	0·00	0·00	0·00	0·22	22
23	0·00	0·02	0·08	0·00	0·00	0·05	0·03	0·00	0·06	0·10	0·00	0·41	23
24	0·00	0·00	0·06	0·03	0·00	0·00	0·00	0·00	0·36	0·05	0·00	0·43	24
25	0·00	0·00	0·00	0·00	0·00	0·53	0·00	0·00	0·06	0·00	0·00	0·23	25
26	0·00	0·48	0·00	0·00	0·00	0·24	0·58	0·00	0·00	0·00	0·00	0·37	26
27	0·00	0·31	0·00	0·00	0·00	0·17	0·18	0·00	0·00	0·33	0·00	0·15	27
28	0·00	0·10	0·00	0·00	0·03	0·83	0·00	0·38	0·00	0·20	0·00	0·02	28
29	0·00		0·00	0·00	0·05	0·02	0·00	0·09	0·00	0·00	0·06	0·16	29
30	0·21	X	0·00	0·24	0·00	0·00	0·00	0·00	0·00	0·00	0·03	0·00	30
31	0·12	X	0·00	X	0·00	X	0·00	0·44	X	0·01	X	0·29	31
Total	5·41	4·12	1·58	2·35	1·40	2·19	3·86	4·93	0·62	1·16	1·75	6·56	YEAR'S TOTAL 35·93
Rain Days.	18	19	15	14	8	10	15	17	7	12	9	24	168

W. 8,000. X. 15.

S moore

4 R/L

3041

FORM A.
BRITISH RAINFALL.
26. JAN 1917

REGISTER OF RAINFALL IN 1916

Kept at Preston Corporation Office
in the County of Lancaster
by J. H. Smethurst C.E.

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 18 ft. 7 in.
" " " " Sea Level 148 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0.07	0.07	0.13	0.00	0.00	0.13	0.29	0.00	0.00	0.00	0.11	0.00	1
2	0.16	0.27	0.06	0.00	0.00	0.06	0.00	0.00	0.21	0.22	0.10	0.02	2
3	0.00	0.01	0.00	0.07	0.00	0.02	0.53	0.00	1.27	0.17	0.12	0.00	3
4	0.06	0.11	0.00	0.00	0.42	0.01	0.03	0.00	0.09	0.19	0.14	0.00	4
5	0.20	0.49	0.00	0.00	0.19	0.22	0.00	0.00	0.00	0.67	0.26	0.00	5
6	0.34	0.32	0.03	0.00	0.23	0.04	0.20	0.00	0.00	0.16	0.29	0.06	6
7	0.01	0.08	0.02	0.00	0.05	0.04	0.43	0.00	0.00	0.12	0.13	0.35	7
8	0.04	0.06	0.01	0.00	0.00	0.55	0.00	0.00	0.00	0.09	0.09	0.05	8
9	0.08	0.00	0.00	0.00	0.31	0.35	0.00	0.00	0.01	0.00	0.03	0.06	9
10	0.01	0.23	0.00	0.17	0.00	0.02	0.10	0.00	0.00	0.29	0.01	0.00	10
11	0.11	0.31	0.02	0.77	0.04	0.00	0.08	0.00	0.22	0.00	0.00	0.21	11
12	0.10	0.14	0.09	0.06	0.39	0.00	0.64	0.04	0.04	0.09	0.00	0.00	12
13	0.00	0.02	0.06	0.12	0.03	0.00	0.00	0.84	0.01	1.55	0.01	0.01	13
14	0.02	0.13	0.00	0.05	0.45	0.00	0.00	1.09	0.11	0.14	0.00	0.00	14
15	0.00	0.19	0.27	0.02	0.00	0.00	0.10	1.30	0.08	0.01	0.00	0.00	15
16	0.03	0.21	0.35	0.35	0.00	0.00	0.09	0.08	0.02	0.08	0.00	0.00	16
17	0.15	0.13	0.00	0.36	0.00	0.00	0.01	0.30	0.80	0.11	0.00	0.00	17
18	0.00	0.15	0.00	0.09	0.00	0.00	0.00	0.30	0.22	0.12	0.12	0.06	18
19	0.30	0.00	0.18	0.10	0.00	0.00	0.00	0.19	0.00	0.00	0.03	0.00	19
20	0.28	0.00	0.22	0.58	0.00	0.00	0.00	0.08	0.00	0.00	0.11	0.02	20
21	0.00	0.00	0.00	0.09	0.13	0.00	0.33	0.00	0.00	0.00	0.02	0.00	21
22	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.16	0.00	0.07	22
23	0.03	0.00	0.07	0.09	0.00	0.00	0.00	0.04	0.00	0.04	0.20	0.25	23
24	0.00	0.02	0.09	0.00	0.00	0.00	0.00	0.15	0.00	0.10	0.00	0.01	24
25	0.03	0.01	0.17	0.00	0.04	0.06	0.00	0.17	0.00	0.07	0.47	0.02	25
26	0.11	0.02	0.06	0.00	0.07	0.01	0.18	0.03	0.00	0.11	0.05	0.00	26
27	0.00	0.16	0.03	0.00	0.00	0.20	0.00	0.07	0.09	0.19	0.00	0.04	27
28	0.00	0.04	0.11	0.00	0.00	0.02	0.00	0.00	0.00	0.02	0.09	0.09	28
29	0.01	0.10	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.25	0.01	0.74	29
30	0.07	X	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.55	0.02	0.03	30
31	0.00	X	0.00	X	0.13	X	0.00	0.19	X	0.20	X	0.15	31
Total	2.16	3.22	1.97	2.92	2.48	2.69	3.07	4.83	3.17	6.30	2.41	2.94	YEAR'S TOTAL 38.09
Rain Days.	21	23	18	14	13	17	13	15	13	25	21	18	211

W. 8,000, VIII. 16

2894

FORM A.
BRITISH RAINFALL.

2 APR 1918

REGISTER OF RAINFALL IN 1917

Kept at Corporation Offices Preston

in the County of Lancaster

by J H Smethurst C.E.

Lat. – Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 18 ft. 7 in.

" " " " Sea Level 148 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0.02	0.00	0.00	0.01	0.00	0.08	0.00	0.06	0.29	0.00	0.22	0.19	1
2	0.67	0.00	0.00	0.03	0.00	0.16	0.00	0.03	0.00	0.02	0.02	0.03	2
3	0.02	0.27	0.00	0.00	0.00	0.56	0.00	0.00	0.00	0.47	0.12	0.04	3
4	0.10	0.02	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.55	0.00	0.02	4
5	0.24	0.00	0.08	0.11	0.00	0.00	0.00	0.00	0.03	0.30	0.34	0.12	5
6	0.04	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.34	0.60	0.09	6
7	0.56	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.56	0.14	0.09	7
8	0.09	0.00	0.00	0.29	0.00	0.13	0.00	0.25	0.04	0.62	0.23	0.27	8
9	0.00	0.00	0.03	0.05	0.01	0.00	0.00	0.30	0.00	0.11	0.29	0.01	9
10	0.23	0.00	0.37	0.14	0.24	0.00	0.00	0.10	0.00	0.00	0.00	0.00	10
11	0.17	0.03	0.00	0.00	0.05	0.00	0.00	0.33	0.05	0.46	0.02	0.00	11
12	0.07	0.00	0.03	0.00	0.58	0.00	0.00	0.01	0.00	0.85	0.00	0.07	12
13	0.00	0.00	0.00	0.11	0.00	0.06	0.00	0.06	0.77	0.02	0.10	0.34	13
14	0.06	0.00	0.00	0.10	0.06	0.00	0.00	0.14	0.00	0.03	0.00	0.16	14
15	0.04	0.00	0.00	0.02	0.00	0.00	0.04	0.00	0.64	0.07	0.03	0.27	15
16	0.00	0.13	0.00	0.22	0.00	0.00	0.00	0.46	0.00	0.03	0.03	0.19	16
17	0.01	0.05	0.28	0.32	0.03	0.00	0.05	1.01	0.03	0.16	0.00	0.00	17
18	0.00	0.00	0.06	0.09	0.03	0.00	0.60	0.00	0.38	0.02	0.00	0.00	18
19	0.02	0.27	0.30	0.01	0.42	0.06	0.00	0.00	0.00	0.00	0.00	0.00	19
20	0.00	0.28	0.00	0.00	0.11	0.46	0.00	0.09	0.03	0.00	0.58	0.00	20
21	0.00	0.01	0.07	0.00	0.22	0.00	0.00	0.07	0.00	0.06	0.02	0.00	21
22	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.08	0.14	0.50	0.11	0.00	22
23	0.00	0.11	0.00	0.00	0.12	0.45	0.01	0.19	0.07	0.82	0.00	0.04	23
24	0.00	0.00	0.00	0.00	0.00	0.09	0.40	0.11	0.00	0.55	0.12	0.02	24
25	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.08	0.13	0.39	0.10	0.00	25
26	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.65	0.43	0.22	1.17	0.00	26
27	0.00	0.00	0.10	0.03	0.00	0.08	0.35	0.44	0.00	0.20	0.04	0.00	27
28	0.00	0.02	0.21	0.00	0.00	0.00	0.06	0.21	0.00	0.27	0.04	0.00	28
29	0.00	✕	0.12	0.02	0.00	0.00	0.00	0.07	0.00	0.41	0.02	0.00	29
30	0.00	✕	0.50	0.00	0.00	0.00	0.00	0.11	0.00	0.10	0.07	0.00	30
31	0.00	✕	0.34	✕	(0.05)	✕	0.00	0.38	✕	0.00	✕	0.00	31
Total	2.34	1.32	2.55	1.63	2.25	2.57	1.57	5.23	3.03	7.63	4.33	1.95	YEAR'S TOTAL 36.34
Rain Days.	15	11	14	17	13	12	~~9~~ 7	23	13	26	22	16	~~191~~ 189

W. 8,000, IX. 17.

2735

20 JAN

Form A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1919.

Kept at Preston (Corporation Offices)

in the County of Lancashire

by J H Smethurst C.E.

Lat. .... Long. ....

Time of Observation 9·0 a.m.

Nearest Railway Station Preston

Diameter of Funnel of Rain. Gauge 8 in.

Height of top of Gauge above Ground 18 ft 7 in.

" " " " Sea Level 148 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·43	·00	·03	·00	·49	·00	·22	·03	·65	·79	·00	·10	1
2	·14	·00	·28	·00	·02	·00	·11	·02	·27	·00	·00	·26	2
3	·40	·00	·00	·00	·11	·20	·16	·00	·00	·00	·02	·20	3
4	·28	·06	32	·00	·03	·05	·07	·47	·04	·00	·00	·10	4
5	·07	·00	·00	·03	·24	·00	·00	·00	·01	·02	·02	·33	5
6	·09	·00	·45	·00	·24	·00	·00	·00	·10	·01	·00	·06	6
7	·02	·00	·30	·11	·02	·00	·00	·00	·07	·00	·02	·00	7
8	·10	·00	·05	·02	·02	·04	·00	·00	·00	·00	·00	·00	8
9	·64	·00	·07	·02	·00	·05	·00	·00	·00	·00	·00	·00	9
10	·01	·00	·61	·14	·00	00	·00	·00	·00	·00	·00	·12	10
11	·02	·00	87	·16	·17	·00	·15	·00	·02	·10	·00	·06	11
12	·02	·00	·16	·02	·00	12	·01	·00	·00	·23	·40	·01	12
13	·32	·00	·00	·15	·00	·01	·04	·02	·01	·70	·00	·14	13
14	·34	07	·00	·22	·00	·00	·00	·02	·00	·23	·00	·02	14
15	·45	·01	·00	·11	·00	·00	·00	·02	·00	·00	·00	·31	15
16	·14	·02	·00	·00	·07	·08	·00	·00	·00	·00	·30	·00	16
17	·07	·02	·00	·16	·00	·06	·00	·57	·00	·00	·51	·03	17
18	·00	·00	·36	·00	·00	·00	·08	·29	·18	·00	·03	·26	18
19	·01	·47	·80	·00	·00	39	·02	·08	·05	·00	·17	·29	19
20	·19	·11	·02	·00	·00	·22	·01	·12	·01	·00	21	·28	20
21	·01	·34	·00	·00	·00	·00	·23	·01	·12	·00	·09	·21	21
22	·00	·19	·00	·00	·00	·14	·00	·21	·43	·00	·11	·93	22
23	·01	·00	·00	·00	·00	·10	·00	·03	·00	1·10	·02	·18	23
24	·00	·00	·00	·11	·29	·00	·00	·02	·22	·06	·30	·84	24
25	·17	·07	·00	·15	·06	·07	·00	·50	·18	·00	·17	·03	25
26	·39	·00	·50	·11	·00	·11	·00	·52	·11	·00	·00	·44	26
27	·09	·00	·00	·22	·00	·00	·00	·02	·00	·00	·00	·00	27
28	·00	·00	·00	·00	·00	·02	·00	·81	·00	·00	·00	·31	28
29	·00	—	·02	·00	·00	·00	·00	·07	·02	·18	·00	·26	29
30	·00		·10	·20	·00	·13	·00	·00	·00	·09	·20	·34	30
31	·00		·05		·00		·41	·02		·00		·03	31
Total	4·41	1·30	4·99	1·93	1·70	1·79	1·51	3·85	2·49	3·51	2·57	6·13	Year's Total 26·18
Days with ·01 in. or more	24	10	17	16	12	16	12	20	17	11	15	26	196

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

2619

1 MAR 1921

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Preston
in the County of Lancashire
by Preston Corporation

Lat. .... Long. ....
Time of Observation 9-0 a.m.
Nearest Railway Station Preston
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 18 ft. 7 in.
" " " " Sea Level 148 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·03	-	·11	·14	·24	-	42	01	16	05	-	12	1
2	-	-	-	·10	·01	-	02	02	40	06	-	18	2
3	·02	·12	·20	·05	·04	-	51	10	17	16	-	20	3
4	-	-	-	·04	·02	-	08	85	04	23	-	-	4
5	-	-	·05	·01	·77	-	09	24	21	34	03	01	5
6	-	-	·61	·24	·45	-	01	-	-	01	03	-	6
7	·05	·04	·03	·04	·07	-	·47	-	02	-	02	-	7
8	·11	·06	-	·24	·24	-	15	07	02	-	02	-	8
9	·36	·70	·10	·47	-	-	05	-	06	-	-	04	9
10	·49	·20	·13	·07	-	-	27	-	-	-	-	04	10
11	·16	·06	·04	·01	·30	·43	-	04	-	-	-	-	11
12	·22	·06	·14	·22	·05	·07	14	-	05	-	25	03	12
13	·20	·05	·09	·04	-	·68	01	-	05	-	17	02	13
14	·07	·14	·16	·17	-	·25	06	-	34	32	62	-	14
15	·02	·21	-	·50	-	-	-	-	01	05	04	-	15
16	-	-	·08	·04	·21	·03	49	-	19	-	11	-	16
17	-	-	·07	-	·25	-	10	21	37	01	02	-	17
18	·34	·07	-	·03	·36	·07	-	12	09	-	-	-	18
19	·06	·54	-	·08	·21	·10	10	03	10	-	-	-	19
20	·24	-	-	·19	-	-	03	-	16	-	-	06	20
21	·07	-	-	-	-	-	47	02	-	02	-	08	21
22	·18	-	-	·32	-	·07	27	04	-	-	-	05	22
23	·07	-	·13	·15	-	-	38	06	-	-	-	24	23
24	·09	-	·75	·15	-	·03	07	-	-	-	-	46	24
25	-	·10	09	·03	-	·05	69	01	-	-	-	-	25
26	·14	·12	57	·26	·02	-	04	-	-	-	01	04	26
27	·04	-	·10	·12	·30	·49	05	-	-	-	06	01	27
28	·44	·04	·31	·20	·07	·04	10	-	-	-	01	22	28
29	·12	-	·14	·04	2·82	·07	31	-	-	-	10	39	29
30	·24	╳	·10	·02	·29	·20	-	-	50	-	05	30	30
31	·21	╳	·11	╳	·27	╳	06	02	╳	07	╳	02	31
TOTAL	3·79	2·45	4·11	3·97	6·93	2·46	5·38	1·84	2·94	1·32	1·54	2·51	YEAR'S TOTAL 39·24
Days with ·01 in. or more	24	15	22	28	20	14	27	15	18		15	19	22[illegible]
Days with ·04 in. or more	18	14	21	23	16	10	22	9	15	8	8	14	[illegible]8

LANCASHIRE.

RAWTENSTALL - CLOUGH BOTTOM
No 1.

1911 - 1920

RE 1911

FORM A2.
BRITISH RAINFALL.

5 - JAN 1912

Kept at Rawtens

in the County of Lanc

by J Woodhea

op 8 in.

above Ground 1 ft. · in.

" Sea Level 1025 ft.

9 a.m.

tion { Name Waterfoot
Distance Direction

IMPORTANT NOT and the result entered to the previous day. If an Ob universal rule, he is earnestly requested to add the rea ng year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·	·	0·42	·	0·04	·	0·25	0·02	·	·	0·33	0·03	1
2	0·07	·	0·22	·	0·30	·	0·09	0·02	·	0·11	0·22	0·14	2
3	0·01	·	0·23	·	0·66	·	·	·	0·02	0·01	0·83	0·03	3
4	0·01	·	0·10	0·04	0·01	·	0·03	0·33	0·07	0·03	0·60	0·58	4
5	0·20	·	0·05	0·02	·	·	·	0·55	·	0·01	0·39	0·07	5
6	0·22	·	0·06	0·04	·	·	·	0·55	·	0·15	0·38	0·50	6
7	0·11	·	·	·	·	·	·	·	·	0·06	0·18	0·01	7
8	0·15	·	0·30	·	·	·	·	·	·	·	0·03	1·06	8
9	0·04	·	0·01	·	·	·	·	·	·	·	0·01	0·35	9
10	0·18	0·10	0·12	·	·	·	·	·	0·02	·	~~20~~ ·	0·63	10
11	0·17	·	0·02	·	·	·	·	·	·	·	0·56	0·14	11
12	0·01	0·01	0·20	·	0·08	·	·	·	1·15	·	0·47	·	12
13	·	0·01	0·01	·	1·82	·	·	·	·	·	0·17	0·60	13
14	0·06	0·54	0·01	·	1·50	·	·	·	·	·	0·03	0·47	14
15	·	0·36	0·08	0·22	·	·	·	·	·	0·04	0·33	0·37	15
16	·	0·88	0·14	·	·	·	0·05	·	·	0·01	0·19	0·27	16
17	0·05	0·02	0·06	·	0·03	0·74	0·01	·	·	·	0·21	0·15	17
18	·	0·46	0·03	·	·	0·12	·	0·02	·	0·03	0·04	0·24	18
19	·	0·08	·	0·11	·	0·05	·	·	0·55	0·45	0·20	0·34	19
20	·	0·16	·	0·34	·	0·02	0·09	0·43	0·08	0·04	·	0·35	20
21	0·01	0·66	0·07	·	·	0·02	0·02	0·08	·	0·26	·	0·24	21
22	0·08	0·06	·	0·02	·	0·03	·	0·02	·	0·35	0·06	0·01	22
23	0·01	0·41	0·01	·	0·25	0·55	·	·	0·18	0·12	·	0·34	23
24	0·22	0·18	·	0·18	·	1·85	·	0·12	·	0·29	·	0·20	24
25	0·02	0·48	·	0·34	·	0·05	·	0·03	0·60	0·09	·	0·40	25
26	0·01	0·04	·	0·34	·	0·08	·	0·15	·	0·56	0·19	0·34	26
27	0·04	0·35	0·01	0·46	·	·	·	0·52	0·61	·	·	0·11	27
28	·	0·40	·	0·45	·	0·14	·	·	0·19	·	·	0·43	28
29	·		0·01	0·48	·	0·36	·	·	0·31	0·83	·	0·14	29
30	·		·	0·02	0·10	0·56	·	·	·	0·52	0·03	·	30
31	·		0·05		·		·	·		0·11		0·05	31
Total	1·67	5·20	2·20 2·20	3·06	4·79	4·57	0·54	2·84	3·78	4·07	5·45	8·59	TOTAL for year 46·76
No. of Rain Days.	20	18	22	14	10	13	7	13	11	20	21	29	198

W. 8,000, X. '11.

REGISTER OF RAINFALL IN 1911

FORM A2.
BRITISH RAINFALL.
5 - JAN 1912

Kept at Rawtenstall (Clough Bottom Res). No 1
in the County of Lancashire S3
by J. Woodhead Smith.

RAIN GAUGE
Pattern
Diameter of top 8 in.
Height of top above Ground 1 ft. in.
" " " Sea Level 1025 ft.

Time of Observation 9 a.m.
Nearest Railway Station
Name Waterfoot
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·	·	0·42	·	0·04	·	0·25	0·02	·	·	0·33	0·03	1
2	0·07	·	0·22	·	0·30	·	0·09	0·02	·	0·11	0·22	0·14	2
3	0·01	·	0·23	·	0·66	·	·	·	0·02	0·01	0·83	0·03	3
4	0·01	·	0·10	0·04	0·01	·	0·03	0·33	0·07	0·03	0·60	0·58	4
5	0·20	·	0·05	0·02	·	·	·	0·55	·	0·01	0·39	0·07	5
6	0·22	·	0·06	0·04	·	·	·	0·55	·	0·15	0·38	0·50	6
7	0·11	·	·	·	·	·	·	·	·	0·06	0·18	0·01	7
8	0·15	·	0·30	·	·	·	·	·	·	·	0·03	1·06	8
9	0·04	·	0·01	·	·	·	·	·	·	·	0·01	0·35	9
10	0·18	0·10	0·12	·	·	·	·	·	0·02	·	·	0·63	10
11	0·17	·	0·02	·	·	·	·	·	·	·	0·56	0·14	11
12	0·01	0·01	0·20	·	0·08	·	·	·	1·15	·	0·47	·	12
13	·	0·01	0·01	·	1·82	·	·	·	·	·	0·17	0·60	13
14	0·06	0·54	0·01	·	1·50	·	·	·	·	·	0·03	0·47	14
15	·	0·36	0·08	0·22	·	·	·	·	·	0·04	0·33	0·37	15
16	·	0·88	0·14	·	·	·	0.05	·	·	0·01	0·19	0·27	16
17	0·05	0·02	0·06	·	0·03	0·74	0.01	·	·	·	0·21	0·15	17
18	·	0·46	0·03	·	·	0·12	·	0·02	·	0·03	0·04	0·24	18
19	·	0·08	·	0·11	·	0·05	·	·	0·55	0·45	0·20	0·34	19
20	·	0·16	·	0·34	·	0·02	0·09	0·43	0·08	0·04	·	0·35	20
21	0·01	0·66	0·07	·	·	0·02	0·02	0·08	·	0·26	·	0·24	21
22	0·08	0·06	·	0·02	·	0·03	·	0·02	·	0·35	0·06	0·01	22
23	0·01	0·41	0·01	·	0·25	0·55	·	·	0·18	0·12	·	0·34	23
24	0·22	0·18	·	0·18	·	1·85	·	0·12	·	0·29	·	0·20	24
25	0·02	0·48	·	0·34	·	0·05	·	0·03	0·60	0·09	·	0·40	25
26	0·01	0·04	·	0·34	·	0·08	·	0·15	·	0·56	0·19	0·34	26
27	0·04	0·35	0·01	0·46	·	·	·	0·52	0·61	·	·	0·11	27
28	·	0·40	·	0·45	·	0·14	·	·	0·19	·	·	0·43	28
29	·		0·01	0·48	·	0·36	·	·	0·31	0·83	·	0·14	29
30	·		·	0·02	0·10	0·56	·	·	·	0·52	0·03	·	30
31	·		0·05		·		·	·		0·11		0·05	31
Total	1·67	5·20	2·20 2·20	3·06	4·79	4·57	0·54	2·84	3·78	4·07	5·45	8·59	TOTAL for year 4676
No. of Rain Days.	20	18	22	14	10	13	7	13	11	20	21	29	198

W. 8,000, X. '11.

No. 1 Gauge

cor for auth 14·III·13

FORM A.
BRITISH RAINFALL.

10 JAN 1913

REGISTER OF RAINFALL IN 1912

Kept at Clough Bottom (Rawtenstall)

in the County of ~~Rawtenstall~~ Lancashire

by J. Woodhead Smith S3

Lat. Long.

Time of Observation 9. am.

Nearest Railway Station Waterfoot

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 1025 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·	·	·24	·	·	·10	·12	·17	·33	·	·	·82	1
2	·	·	·26	·10	·18	·16	·36	·	·20	·	·01	·23	2
3	·52	·	·21	·	·	·46	·	·63	·56	·	·02	·11	3
4	·52	·	·84	·40	·07	·83	·	·62	·02	·	·54	-	4
5	·32	·	·11	·01	·24	·27	·	·15	·21	·01	·05	·03	5
6	·15	·26	·	·01	·06	·01	·	·66	·	·07	·02	·01	6
7	·	·18	·	·05	·15	·05	·	·09	·25	·	·08	·07	7
8	·35	·36	·30	·11	·01	·02	·01	·06	·10	·	·11	·	8
9	·27	·13	·24	·32	·	·22	·	·02	·	·	·08	·24	9
10	·17	·02	·	·06	·	·17	·06	·14	·	·	·15	·	10
11	·10	·03	·01	·	·	·	·11	·03	·	·	·	·85	11
12	·10	·08	·26	·02	·	·22	·02	·	·	·	·	·12	12
13	·	·	·	·	·	·	·	·65	·	·23	·04	·46	13
14	·32	·	·80	·01	·	·27	·	·19	·61	·01	·	·34	14
15	·27	·07	·20	·	·50	·21	·	·12	·	·	-	·25	15
16	·05	·03	·25	·	·14	·18	·	·10	·	·26	·05	·10	16
17	·	·16	·31	·	·09	·95	·	·48	·	·01	·12	·49	17
18	·	·02	·02	·	·	·06	·	·17	·	·53	·05	·19	18
19	·18	·09	·06	·	·	·03	·10	·60	·	·59	·26	·01	19
20	·22	·	·11	·	·24	·04	·04	·21	·	·37	·01	·11	20
21	·	·	·26	·	·15	·	·	·16	·	·27	·01	·17	21
22	·	·24	·01	·	·35	·09	·15	·56	·	·01	·01	·07	22
23	·	·	·17	·	·	·08	·50	·89	·	·	·44	·07	23
24	·06	·03	·04	·	·	·15	·02	·06	·	·01	·11	·20	24
25	·03	·	·02	·	·	·71	·01	·01	·	·	·60	·16	25
26	·	·20	·19	·	·	·02	·29	·38	·	1·50	·30	·24	26
27	·	·11	·65	·	·	·72	·40	·	·	·40	·08	·21	27
28	·	·05	·01	·	·	·23	·82	·60	·04	·49	·09	·05	28
29	·	·05	·03	·	·	·30	·65	·08	·31	·25	·	·12	29
30	·		·35	·	·09	·17	·26	·	·01	·15	·	·	30
31	·		·16		·30		1·12	·46		·		·06	31
Total	3·63	2·31	6·11	1·09	2·57	6·71	5·04	8·49	2·04 2·36	5·16	3·83 3·83	5·73 5·73	YEAR'S TOTAL 52·72 52·71
Rain Days.	16	18	27	10	14	29	18	27	11	17	23	27	235

✓ [illegible] 9. 3.IV14

FORM A.
BRITISH RAINFALL.
15 JAN 1914

REGISTER OF RAINFALL IN 1913

Kept at Rawtenstall (Clough Bottom) No 1

in the County of Lancaster S3

by J Woodhead Smith

Lat. Long.

Time of Observation 9 am

Nearest Railway Station waterfoot

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 1025 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·05	·03	·28	·34							·12		1
2	·01	·15	·40			·16					·31	·14	2
3	·05	·16	·35		·62					·03	·08	·49	3
4	·54	·23	·01				·04				·18	·60	4
5	·29	·10	·18		·04		·20				·02		5
6	·06	·30	·31		·66	·16	·14			·08	·06	·05	6
7		·56	·03		·43	·21	·12			·40		·06	7
8		·25	·08		·04			·30		·20	·14	·03	8
9	·01	·20	·42		·05	·64		·12			·15	·24	9
10	·01	·02	·28	·30	·04		·06			·08	·10		10
11	·03	·02		·22						·04	·24	·09	11
12	·04				·02		·02		·34		·36	·03	12
13		·01	·64	·03			·08	·09	·30	·06	·24		13
14	·06	·01	·20	·21			·03			·35	·20	·10	14
15	·14	·01	·48	1·23				·13	·08	·03	·66		15
16	·01		·08	·04			·03				·36	·04	16
17	·01			·05	·20	·18	·28		·09		·16	·04	17
18	·16		·38	·46	·18	·03	·08				·42		18
19	·19			·14	·12	·21			·16	·16	·33		19
20	·19		·11	·08	·02					·20	·90		20
21			·22		·34		·14	·20			·05		21
22	·40		·50		·09			·82	·15				22
23	·44		·06		·44	·42		(·27)	·21		·20	·25	23
24	·46	·06		·12	·08	·21					·05	·03	24
25	·01			·06					·50	·03	·05	·24	25
26		·04	·06	1·01					·14			·64	26
27				·64		·02				·24	·03	·19	27
28	·28		·26	(·58)		·03				·03	·05		28
29	·86		·26	·44				·14		·04	·24		29
30	·16		·02							·32	·14		30
31			·24		·60					·02			31
Total	4·49	2·15	5·88	6·34	4·39	2·24	1·28	2·14	1·94	2·34	5·96	3·62	YEAR'S TOTAL 42·83 ✓
Rain Days	24	16	24	14	14	11	12	8	9	14	24	14	199 ✓

W.7,000, XI. 13

[illegible]

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
13 JAN 1915

Kept at Rawtenstall (Clough Bottom Resr.) No. 1
in the County of Lancashire S 3
by J. Woodhead Smith

Lat. .... Long. ....
Time of Observation 9 am
Nearest Railway Station Waterfoot
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 1025 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·	·	·10	-	·	-	·81	·58	·	·	·	·36	1
2	·03	·	·	·	·	-	·13	·45	·	·25	·28	·17	2
3	·18	·	·40	·	·57	·	·	·13	·	·08	·	·60	3
4	·49	·	·43	·43	·27	·	·	·03	·	·	·12	·58	4
5	·06	·	·58	·25	·03	·47	·03	·10	·	·	·47	·56	5
6	·	·	·06	·33	·20	·11	·	·14	·	·	·39	·13	6
7	·02	·12	·20	·03	·26	·06	·	·	·	·	·06	·23	7
8	·89	·	·09	·	·32	·19	·	·56	·07	·03	·06	·11	8
9	·47	·20	·	·07	·03	·68	·	·14	·11	·	·24	·	9
10	·03	·27	·	·18	·03	·	·	·	·13	·	·26	·30	10
11	·	·24	·42	·	·03	·	·12	·	·18	·	1·48	·11	11
12	·	·32	·10	·	·30	·	·	·	·82	·	·50	·20	12
13	·	·51	·13	·03	·63	·	·12	·	·16	·07	·21	·25	13
14	·	·42	·14	·	·	·	·	·	·18	·	·19	·22	14
15	·	·03	·32	·	·	·	·	·	·15	·	·20	·	15
16	·03	·09	·05	·	·	·	1·04	·	·80	·	·	·03	16
17	·02	·58	·23	·	·	·	·21	·	·60	·	·	·80	17
18	·	·13	·06	·	·	·	·	·	·	·	·	·04	18
19	·	·03	·16	·	·	·	·07	·	·12	·	·	·20	19
20	·	·13	·08	·	·	·	·	·	·03	·	·	·03	20
21	·	·28	·02	·	·	·14	·	·	·	·11	·	·07	21
22	·	·31	·02	·05	·10	·38	·	·07	·	·07	·	·	22
23	·	·03	·	·16	·12	·14	·11	·	·	·	·	·04	23
24	·06	·	·84	·11	·23	·08	·92	·50	·	·	·33	·	24
25	·12	·	·06	·	·	·	·43	·33	·	1·05	·08	·60	25
26	·04	·	·02	·	·	·	·10	·	·	·36	·60	·40	26
27	·08	·	·	·	·	·	·	·	·04	·46	·44	-60	27
28	·10	·26	·27	·	·04	·05	·10	·	·02	·11	·38	·02	28
29	·08		·11	·	·06	·	·	·	·	·20	·35	·	29
30	·	✕	·58		·	·	·	·23	·	·04	·57	·47	30
31	·71	✕	·15	✕	·04	✕	·64	·	✕	·10	✕	·	31
Total	3.41	3·95	5·62	1·64	2·66	2·30	4·83	3·26	3·41	2·93	7·21	7·12	YEAR'S TOTAL 48·34
Rain Days.	17	17	26	10	17	10	14	12	14	13	20	25	195

W. 8,000. X. 14.

and 10·11·16

3080

Rawtenstall

REGISTER OF RAINFALL IN 1915

FORM A.
BRITISH RAINFALL.
15. JAN 1916

Kept at Clough Bottom Res No 1

in the County of Lancashire S

by J. Woodhead Smith

Lat. Long.
Time of Observation 9 am
Nearest Railway Station Rawtenstall
Diameter of Funnel of Rain Gauge ~~9~~ 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 1025 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·16	·41	·	·	·22	·	·22	·18	·28	·	·	·04	1
2	·04	·54	(·33)	·33	·	·04	·47	·46	·	·02	·	·	2
3	·60	·04	·14	·56	·	·	·25	·05	·	·	·	·40	3
4	·03	·36	·02	·	·04	·	·34	·	·	·	·	·63	4
5	·15	·64	·36	·	·	·07	·	·02	·	·	·	1·30	5
6	·25	·02	·06	·53	·	·	·60	·	·	·	·02	·50	6
7	·64	·68	·	·16	·	·	·39	·56	·	·	·	·36	7
8	·40	·26	·	·34	·	·	·	·10	·	·	·71	·	8
9	·05	·06	·	·18	·	·	·04	·02	·	·09	·30	·17	9
10	·67	·	·12	·	·	·	·07	·28	·	·02	·	·30	10
11	·37	·	·	·	·65	·	·18	·22	·	·	·09	·41	11
12	·45	·	·03	·20	·07	·	·06	·17	·	·25	·28	·	12
13	·21	·30	·02	·	·	·	·04	·05	·04	·	·	·03	13
14	·24	·	·	·11	·	·	·44	·37	·17	·	·	·16	14
15	·69	·	·	·	·	·	·14	·03	·05	·	·26	·38	15
16	·	·81	·	·09	·14	·	·72	·80	·	·	·	·03	16
17	·	·46	·	·	·	·	·05	·	·	·	·	·	17
18	·02	·40	·31	·	·	·	·	·	·	·02	·	·	18
19	·03	·31	·17	·14	·20	·	·29	·	·	·	·	·	19
20	·46	·	·04	·	·14	·	·10	·10	·	·	·	·50	20
21	·07	·08	·	·05	·	·	·13	·	·	·	·	·17	21
22	·02	·	·	·	·	·	·05	·	·	·	·	·33	22
23	·	·05	·22	·	·	·	·15	·	·02	·44	·	·24	23
24	·	·	·13	·	·	·	·03	·	·40	·10	·	·44	24
25	·	·	·	·	·	·17	·	·	·10	·02	·	·34	25
26	·	·50	·	·	·	·22	·38	·	·	·	·	·71	26
27	·	·24	·	·	·	·06	·10	·	·	·35	·	·28	27
28	·	·21	·	·	·02	·14	·	·48	·	·09	·	·02	28
29	·		·	·	·10	·24	·	·	·	·	·12	·12	29
30	·22	X	·	·16	·	·	·	·07	·	·	·	·02	30
31	·24	X	·	X	·	X	·04	·38	X	·09	X	·72	31
Total	6·01	6·37	1·95	2·85	1·58	0·94	5·28	4·34	1·06	1·49	1·78	8·60	YEAR'S TOTAL 42·25
Rain Days.	22	19	13	12	9	7	24	18	7	11	7	25	174

W. 8,000. X. 15.

[illegible] (nearby station) 3002

FORM A.
BRITISH RAINFALL.

11. JAN 1917

REGISTER OF RAINFALL IN 1916

Kept at Rawtenstall (Clough Bottom Res) No. 1
in the County of Lancashire
by Woodhead Smith

Lat. – Long. –
Time of Observation 9 a.m.
Nearest Railway Station Waterfoot
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 1025 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·36	·06	·09	.	.	·29	·64	.	.	.	·10	.	1
2	·22	·19	·08	.	.	·18	.	.	·34	·16	·07	.	2
3	.	·14	.	·05	.	·09	·23	.	·77	·30	·17	.	3
4	.	·23	.	·02	·46	·89	.	.	·09	·63	·34	.	4
5	·34	·50	.	.	·14	·26	.	.	.	·86	·56	.	5
6	·83	·35	·08	.	·36	·16	·13	.	.	·25	·48	·08	6
7	·09	·13	·06	.	·44	·08	·07	.	.	·35	·09	·40	7
8	·02	·11	·17	·02	·02	·10	·08	.	.	·05	·40	·08	8
9	·10	.	.	.	·36	·21	.	.	.	.	·25	·26	9
10	·05	·07	.	·13	.	·47	·14	.	.	·37	·07	·22	10
11	·10	·40	·06	·66	.	·07	·10	.	·13	.	·03	·12	11
12	·19	·38	·08	·18	·46	.	·50	·06	·06	·30	·02	.	12
13	.	·09	·05	·39	.	.	.	·77	·10	1·29	.	·07	13
14	·06	·11	·02	·17	·60	.	.	·32	·11	·46	.	.	14
15	·04	·23	·34	·05	.	.	·09	·52	·18	·18	.	.	15
16	·03	·13	·60	·40	.	.	·30	·70	.	·04	.	.	16
17	·14	·19	.	·87	.	.	·20	·52	·70	·13	.	.	17
18	.	·58	.	·23	.	.	.	·32	·33	·25	·17	·29	18
19	·34	·03	·35	·32	.	.	.	·16	·03	.	·07	.	19
20	·34	.	·15	·29	.	.	.	·03	.	.	·06	·04	20
21	·23	.	.	.	.	.	·03	.	.	.	.	.	21
22	.	·03	.	.	.	·10	.	.	.	·30	.	·04	22
23	·11		·08	·18	.	·04	.	·02	.	.	·39	·24	23
24	.	·36		·04	.	.	.	·20	.	·08	.	·13	24
25	·11	·09	·11	.	·13	·04	.	·53	.	.	·45	·03	25
26	·09	·18	·05	.	.	.	.	·03	.	·11	.	.	26
27	.	·17	.	.	.	.	.	.	.	·57	.	.	27
28	.	·10	·03	.	.	.	.	.	.	1·36	·09	·64	28
29	.	·08	.	.	.	·21	.	.	.	·60	.	·68	29
30	·02	X	.	.	.	·02	·04	.	.	·91	·08	.	30
31		X	.	X	·13	X	.	·09	X	·07	X	·40	31
Total	3·81	4·93	2·40	4·00	3·10	3·21	2·55	4·27	2·84	9·62	3·84	4·02	YEAR'S TOTAL ~~45·38~~ 48·59
Rain Days.	21	25	17	16	10	16	13	14	11	~~22~~ 23	~~18~~ 19	16	201

W. 8,000, VIII. 16

2855

FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1917

Kept at Rawtenstall (Clough Bottom) No 1
in the County of Lancashire
by J. Woodhead Smith.

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Waterfoot
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 1025 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·10	·	·	·08	·	·22	·	·08	·33	·	·19	·38	1
2	·78	·	·	·04	·	·13	·	·04	·	·08	·03	·	2
3	·10	·14	·	·05	·	·32	·	·	·	·47	·06	·	3
4	·	·03	·11	·	·	·	·	·	·	·55	·	·	4
5	·25	·	·08	·13	·	·	·	·04	·	·26	·34	·10	5
6	·06	·	·	·	·	·13	·	·	·	·44	·42	·17	6
7	·40	·	·05	·	·	·23	·	·	·	·85	·19	·16	7
8	·10	·	·	·33	·	·08	·	·32	·05	1·00	·29	·33	8
9	·	·	·07	·11	·	·	·	·17	·	·28	·56	·	9
10	·19	·	1·16	·17	·12	·	·	·15	·	·06	·	·	10
11	·11	·	·	·04	·	·	·	·09	·	·27	·02	·	11
12	·	·	·	·02	·41	·	·	·63	·	·50	·	·11	12
13	·08	·	·	·14	·11	·	·	·07	·62	·06	·08	·41	13
14	·16	·	·	·21	·02	·	·	·67	·	·	·	·22	14
15	·09	·	·	·12	·	·	·56	·04	·24	·18	·	·27	15
16	·	·	·02	·23	·	·	·04	·32	·	·	·04	·27	16
17	·	·08	·24	·32	·09	·	·19	1·40	·03	·25	·02	·	17
18	·	·	·08	·05	·03	·	·64	·33	·38	·33	·06	·	18
19	·	·09	·46	·03	·48	·70	·	·05	·	·	·	·	19
20	·	·20	·	·	·14	·40	·	·07	·06	·	·61	·	20
21	·	·03	·07	·	·09	·	·	·20	·	·07	·04	·	21
22	·	·	·	·	·	·	·	·45	·25	·37	·20	·	22
23	·	·06	·	·	·17	·48	·	·36	·05	·17	·	·09	23
24	·	·	·	·	·	·	·	·32	·	·72	·29	·12	24
25	·	·13	·06	·	·	·	·	·07	·	·54	·	·	25
26	·	·	·	·	·	·14	·	·58	·41	·27	1·25	·	26
27	·	·	·03	·	·32	·11	·48	·64	·	·23	·24	·08	27
28	·	·14	·30	·	·	·	·	·44	·	·04	·12	·	28
29	·		·10	·	·	·	·10	·27	·	·46	·15	·07	29
30	·06	X	·17	·	·	·	·	·19	·	·19	·14	·	30
31	·	X	·35	X	·06	X	·	·37	X		X	·02	31
Total	2·48	·90	3·35	2·07	2·04	2·94	2·01	8·36	2·42	8·64	5·34	2·80	YEAR'S TOTAL 43·36
Rain Days.	13	9	16	16	12	11	6	~~29~~ 27	10	25	22	15	182

W. 8,000, IX. 17.

REGISTER OF RAINFALL IN 1918.

FORM A.
BRITISH RAINFALL.

Kept at Rawtenstall (Clough Bottom Res)
in the County of Lancashire
by J Woodhead Smith

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Waterfoot
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 1025 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1. following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·	·25	·	·04	·04	·	·	·	1·03	·22	·38	·32	1
2	·	·19	·	·03	·	·	·	·	·38	·12	·	·47	2
3	·	·08	·	·	·77		·	·04	·	·64	·03	·04	3
4	·09	·02	·	·	·05	·	·	·21	·28	·22	·82	·46	4
5	·04	·	·05	·12	·17	03	·	·55	·09	65	·10	·02	5
6	10	1·10	·	·36	·	·33	·	20	·	·24	·	·06	6
7	·	·28	·	·31	·	·	·	·06	·33	·78	40	-	7
8	·04	·21	·06	·	·	·	·23	·04	1·22	·16	·15	·06	8
9	·34	74	·	·02	·	25	·	·	1·06	·64	·12	·07	9
10	·07	·84	·	·	·	·	·04	·	·74	15	36	·03	10
11	·30	·21	·06	07	·08		·08	·04	·42	·	·	·24	11
12	·06	·44	·	·06	·	·	·11	·	·38	·12	·	·35	12
13	·04	·	·	·04	·17	·04	·	·	·32	·05	·	·	13
14	·30	·	·	·	·	·13	·14		·74	·27	·	·35	14
15	·07	·	·	·	·02	·09	·55	·	1·07	·	·	·75	15
16	·02	·	·	·	·	·32	·34	17	·40	·04	·	·52	16
17	·08	·	·	·	·	·05	·36	·19	09	30	·	·42	17
18	·47	·	·10	·	·	·07	29	03	·43	·	·	·66	18
19	·20	·11	·19	·07	·	·	·35	44	·90	·07		·61	19
20	·19	·52	·	·13	09	·14	·49	·	·38	·	·	·04	20
21	44	·47		·	·45	·17	·	·	·64	·	·	·15	21
22	·14	·04	·	·	·46	·20	·20	03	·13	·	·	·84	22
23	·05	·	·	·	·15	02	·15	·	12	·	·07	·09	23
24	·05	·22	·	·	·	·	·06	·03	·16	·07	·06	·22	24
25	·	·	·	·	·06	34	·17	·49	·08	·	·	·	25
26	·	·10	·	·	·	·	·05	·07	64	·05	·32	·18	26
27	·	·14	·56	·	·	·14	·	·60	·70	06	·22	86	27
28	·	04	·31	·	·	·	·	·07	13	·	·12	90	28
29	·				·	·	·	·05	·03	·	·	·60	29
30	·	✕	34			·	·	·27	·	·04	22	·38	30
31	·	✕	·35	✕		✕	·	·38	✕	·	✕		31
Total	3.09	6.00	2.02	1.25	2.51	2.32	3.61	3.96	12.89	4.29	3.37	9.69	YEAR'S TOTAL 55.00
Rain Days.	20	19	9	11	12	15	16	20	27	20	14	27	210

W. 6,500, VII. 18. w w c

2897

8 JAN 20

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1919.

Kept at Waterfoot (Clough Bottom Res)

in the County of Lancashire

by Woodhead Smith

Lat. .... Long. ....

Time of Observation 9 am.

Nearest Railway Station Waterfoot

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

" " " " Sea Level 1025 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.82	.	.07	-	.64	-	.34	.26	.42	.54	.06	.17	1
2	.16	.	.44	-	.08	-	.22	.14	.04	.06	.05	.22	2
3	.46	.	-	-	.05	.22	.32	-	.04	-	.09	.39	3
4	.20	.09	.21	.	.03	.03	.16	.15	.05	-	.03	.22	4
5	.04	.	-	.05	.11	-	-	-	-	.05	.05	.27	5
6	.03	.	.62	.	.49	-	-	-	-	-	-	.16	6
7	.09	.	.43	.04	.09	-	-	-	.21	-	.09	-	7
8	.23	.	.03	-	.03	.12	-	-	-	-	.02	-	8
9	.60	.	.10	.	-	-	-	.02	-	-	.02	-	9
10	-	.	.93	.24	-	-	-	-	-	.02	.03	.72	10
11	.04	.	.37	.12	.56	-	.15	-	-	.03	-	.05	11
12	-	.	.23	.07	.03	.19	.22	.	.06	.11	.18	-	12
13	.34	.	-	.60	.	.07	.09	.08	-	.46	-	.11	13
14	.32	-	-	.20	.	-	-	.09	-	-	-	.03	14
15	.35	.	.02	.06	.	-	.02	.10	-	-	-	.56	15
16	.16	.11	-	.14	-	.07	-	-	.	-	.13	.03	16
17	.04	.03	-	.12	.08	.16	-	.48	-	-	.90	.04	17
18	-	-	.23	-	-	-	.07	.26	.28	-	.07	.44	18
19	.10	.18	.54	-	-	.27	.43	.14	.10	-	.40	.08	19
20	.30	.05	.07	-	-	.29	.10	.12	.04	-	.26	.75	20
21	.05	.40	.04	.	.	.07	.27	.21	.10	-	.04	.26	21
22	-	.16	.	.	.	.17	-	.14	.42	-	.26	.80	22
23	-	.	-	.	.	.15	-	-	-	.78	.11	.33	23
24	-	-	-	.16	.07	.03	-	.	.42	.18	.23	.74	24
25	.22	.04	.	.21	-	.15	.	.66	.21	-	.47	-	25
26	.19	.03	.49	.14	-	.12	.02	.85	.27	-	.23	.71	26
27	.12	.04	.	.15	-	-	-	.07	-	-	.04	.11	27
28	-	~~.04~~	-	.08	-	.05	-	.60	-	.14	-	.55	28
29	-		.	-	-	.08	-	.18	-	.38	-	.17	29
30	.		.17	.19	.	.18	.	-	-	.09	.62	.42	30
31	.03		.06		.		.33	-		.03		.07	31
TOTAL	5.19	1.13	5.05	2.57	2.26	2.27	2.74	4.55	2.66	2.87	4.38	8.40	YEAR'S TOTAL 44.17
Days with ·01 in. or more	22	10	18	16	12	18	14	18	14	13	23	26	204

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

max daily fall 0·93 in on March 10

2583

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Rawtenstall (Clough Bottom) No 1
in the County of Lancaster
by J Woodhead Smith

Lat. .... Long. ....
Time of Observation 9 a.m.
Nearest Railway Station Waterfoot
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 1025 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·10	·14	·64	·04	·66	·05	·15	·13	·15	·23	1
2	·02			·13	·05		·15	·11	·45	·10	·13	·48	2
3	·05		·15	·14	·16	·04	·54	·21	·19	·22		·24	3
4				·18	·04		·29	1·21	·07	·62		·05	4
5			·08		·62		·32	·32	·42	·40	·02	·02	5
6		·02	·34	·18	·34		·05	·02		·03	·10	·20	6
7	·23	·08	·05	·16	·22		·64		·03		·05		7
8	·16	·03		·48	·14		·11	·09	·02				8
9	·31	1·30	·08	·34			·12	·03	·05		·07		9
10	·93	·80	·09	·05			·45	·03					10
11	·34	·10	·07	·10	·24	·42	·03	·02				·10	11
12	·33	·30	·33	·44	·12	·12	·14	·02			·25	·07	12
13	·31	·18	·36	·30	·04	·62	·09				·44	·03	13
14	·05	·30	·20	·38		·31	·12		·38	·05	·80		14
15	·03	·25	·07	·56			·03		·04	·07	·08		15
16			·19	·11	·16		·68		·24		·30		16
17	·11		·08		·23		·02	·46	·19	·03			17
18	·14			·22	·40		·03		·12				18
19	·07	·06		·14	·45	·11	·05	·22					19
20	·15			·29		·07	·23		·11			·20	20
21	·08						·67	·05				·28	21
22	·22			·38		·10	·28	·12					22
23			·05	·18			·64	·04				·48	23
24	·08		·92	·09			·18	·03				·22	24
25	·02	·14	·13	·40		·08	·68						25
26	·18	·21	·43	·51	·35		·09				·07	·14	26
27	·23	·04	·22	·23	·39	·58	·07				·21	·05	27
28	·30	·05	·19	·41	·11	·06	·12				·04	·27	28
29	·23		·32	·12	·72	·06	·33				·28	·62	29
30	·31		·05	·14	·11	·09			·36		·34	·45	30
31	·29				·21		·07			·15		·14	31
TOTAL	5·20	4·26	4·50	6·86	6·10	2·40	7·91	3·03	2·82	180	3·33	4·33	YEAR'S TOTAL 52·84
Days with ·01 in. or more	25	15	22	27	21	14	30	17	15	10	16	19	231
Days with ·04 in. or more	22	13	22	24	21	14	26	11	13	8	15	14	209

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

2925

RAWTENSTALL, CLOUGH BOTTOM
No 2

1911 – 20

R

FORM A2.
BRITISH RAINFALL.
5 - JAN 1912

Kept at Rawtenst

in the County of Lan

by J. Woodhe

in.
Ground 1 ft. - in.
Sea Level 1025 ft.

Name Waterfoot

Distance Direction

IMPORTANT N the result entered to the previous day. If an versal rule, he is earnestly requested to add the reading at 9 a.m. on 1st Janu year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·	·	0·34	·	0·03	·	0·20	0·02	·	·	0·27	0·02	1
2	0·06	·	0·16	·	0·25	·	0·07	0·02	·	0·11	0·19	0·10	2
3	0·01	·	0·20	·	0·57	·	·	·	0·02	0·01	0·58	0·01	3
4	0·01	·	0·08	0·04	0·61	·	0·02	0·30	0·08	0·03	0·50	0·57	4
5	0·16	·	0·65	0·02	·	·	·	0·50	·	0·01	0·30	0·05	5
6	0·18	·	0·03	0·04	·	·	·	0·51	·	0·17	0·28	0·52	6
7	0·08	·	·	·	·	·	·	·	·	0·09	0·16	0·01	7
8	0·11	·	0·27	·	·	·	·	·	·	·	0·02	0·97	8
9	0·04	·	0·61	·	·	·	·	·	·	·	0·01	0·34	9
10	0·17	0·09	0·09	·	·	·	–	·	0·02	·	·	0·55	10
11	0·13	·	0·01	·	·	·	·	·	·	·	0·50	0·13	11
12	0·01	0·01	0·17	·	0·12	·	·	·	1·34	·	0·43	·	12
13	·	0·01	0·01	·	2·16	·	·	·	·	·	0·13	0·67	13
14	0·07	0·53	0·01	·	1·35	·	·	·	·	·	0·03	0·35	14
15	·	0·33	0·07	0·18	·	·	·	·	·	0·07	0·28	0·37	15
16	·	0·84	0·10	·	·	·	0·04	·	·	0·03	0·16	0·23	16
17	0·03	0·01	0·07	·	0·02	0·68	0·01	·	·	·	0·24	0·13	17
18	·	0·36	0·05	·	·	0·08	·	0·02	·	0·03	0·02	0·19	18
19	·	0·05	·	0·08	·	0·03	·	·	0·58	0·55	0·17	0·32	19
20	·	0·14	·	0·28	·	0·01	0·09	0·57	0·07	0·05	·	0·30	20
21	0·01	0·55	0·08	·	·	0·01	0·02	0·09	·	0·22	·	0·20	21
22	0·10	0·05	·	0·01	·	0·02	·	0·02	·	0·33	0·05	0·01	22
23	0·01	0·35	0·01	·	0·22	0·54	·	·	0·20	0·08	·	0·32	23
24	0·20	0·14	·	0·15	·	2·03	·	0·10	·	0·30	·	0·26	24
25	0·01	0·42	·	0·28	·	0·03	·	0·02	0·64	0·10	·	0·32	25
26	0·01	0·03	·	0·32	·	0·05	·	0·14	·	0·58	0·20	0·35	26
27	0·04	0·28	0·01	0·36	·	·	·	0·51	0·59	·	·	0·10	27
28	·	0·35	·	0·37	·	0·10	·	·	0·17	·	·	0·36	28
29	·		0·01	0·42	·	0·28	·	·	0·21	0·83	·	0·13	29
30	·		·	0·02	0·11	0·53	·	·	·	0·52	0·02	·	30
31	·		0·05				·	·		0·11		0·04	31
Total	1·44	4·54	1·88	2·57	4·84	4·39	0·45	2·82	3·92	~~3·89~~ ~~4·22~~	4·54	4·92	TOTAL for year ~~43·53~~
No. of Rain Days.	20	18	22	14	10	13	7	13	11	20	21	29	198

W. 8,000, X. '11.

3·89

43·20

RE

FORM A2.
BRITISH RAINFALL.
5 - JAN 1912

Kept at Rawtenstall (Clough Bottom Res. No 2)
in the County of Lancashire S3
by J. Woodhead Smith

RAIN GAUGE
Pattern
Diameter of top 8 in.
Height of top above Ground 1 ft. - in.
" " " Sea Level 1025 ft.

Time of Observation 9 a.m.

Nearest Railway Station
Name Waterfoot.
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·	·	0·34	·	0·03	·	0·20	0·02	·	·	0·27	0·02	1
2	0·06	·	0·16	·	0·25	·	0·07	0·02	·	0·11	0.19	0·10	2
3	0·01	·	0·20	·	0·57	·	·	·	0·02	0·01	0·58	0·01	3
4	0·01	·	0·08	0·04	0·61	·	0·02	0·30	0·08	0·03	0·50	0·57	4
5	0·16	·	0·05	0·02	·	·	·	0·50	·	0·01	0·30	0·05	5
6	0·18	·	0·03	0·04	·	·	·	0·51	·	0·17	0·28	0·52	6
7	0·08	·	·	·	·	·	·	·	·	0·09	0·16	0·01	7
8	0·11	·	0·27	·	·	·	·	·	·	·	0·02	0·97	8
9	0·04	·	0·61	·	·	·	·	·	·	·	0·01	0·34	9
10	0·17	0·09	0·09	·	·	·	·	·	0·02	·	·	0·55	10
11	0·13	·	0·01	·	·	·	·	·	·	·	0·50	0·13	11
12	0·01	0·01	0·17	·	0·12	·	·	·	1·34	·	0·43	·	12
13	·	0·01	0·01	·	2·16	·	·	·	·	·	0·13	0·67	13
14	0·07	0·53	0·01	·	1·35	·	·	·	·	·	0·03	0·35	14
15	·	0·33	0·07	0·18	·	·	·	·	·	0·07	0·28	0·37	15
16	·	0·84	0·10	·	·	·	0·04	·	·	0·03	0·16	0·23	16
17	0·03	0·01	0·07	·	0·02	0·68	0·01	·	·	·	0·24	0·13	17
18	·	0·36	0·05	·	·	0·08	·	0·02	·	0·03	0·02	0·19	18
19	·	0·05	·	0·08	·	0·03	·	·	0·58	0·55	0·17	0·32	19
20	·	0·14	·	0·28	·	0·01	0·09	0·57	0·07	0·05	·	0·30	20
21	0·01	0·55	0·08	·	·	0·01	0.02	0·09	·	0·22	·	0·20	21
22	0·10	0·05	·	0·01	·	0·02	·	0·02	·	0·33	0·05	0·01	22
23	0·01	0·35	0·01	·	0·22	0·54	·	·	0·20	0·08	·	0·32	23
24	0·20	0·14	·	0·15	·	2·03	·	0·10	·	0·30	·	0·26	24
25	0·01	0·42	·	0·28	·	0·03	·	0·02	0·64	0·10	·	0·32	25
26	0·01	0·03	·	0·32	·	0·05	·	0·14	·	0·58	0·20	0·35	26
27	0·04	0·28	0·01	0·36	·	·	·	0·51	0·59	·	·	0·10	27
28	·	0·35	·	0·37	·	0·10	·	·	0·17	·	·	0·36	28
29	·		0·01	0·42	·	0·28	·	·	0·21	0·83	·	0·13	29
30	·		·	0·02	0·11	0·53	·	·	·	0·52	0·02	·	30
31	·		0·05				·	·		0·11		0·04	31
Total	1·44	4·54	1.88	2·57	4·84	4·39	0·45	2·82	3·92	~~3·89~~ 4·22	4·54	4·92	TOTAL for year ~~43·33~~
No. of Rain Days.	20	18	22	14	10	13	7	13	11	20	21	29	198

3·89

43·20

W. 8,000, X. '11.

No2 Gauge

cor for critic 14·III·13

REGISTER OF RAINFALL IN 1912

FORM A.
BRITISH RAINFALL.

10 JAN 1913

Kept at Clough Bottom (Rawtenstall)
in the County of ~~Rawtenstall~~ Lancashire
by J. Woodhead Smith S3

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Waterfoot
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 1025 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·	·	·18	·	·	·12	·10	·19	·33	·	·	·75	1
2	·	·	·24	·08	·12	·19	·37	·	·20	·	·01	·23	2
3	·43	·	·21	·	·	·40	·	·72	·56	·	·02	·11	3
4	·45	·	·79	·35	·08	·88	·	·80	·02	·	·44	·	4
5	·22	·	·11	·01	·26	·31	·	·16	·21	·01	·05	·03	5
6	·13	·27	·	·01	·06	·01	·	·69	·	·07	·02	·01	6
7	·	·18	·	·04	·12	·06	·	·09	·75	·	·07	·02	7
8	·32	·41	·26	·06	·01	·03	·01	·06	·10	·	·09	·	8
9	·37	·12	·24	·25	·	·24	·	·02	··	·	·06	20	9
10	·13	·02	·	·11	·	·16	·04	·16	·	·	·60	·	10
11	·12	·03	·01	·	·	·	·12	·03	·	·	·	·80	11
12	·12	·09	·24	·02	·	·25	·02	·	·	·	·	·11	12
13	·	·	·	·	·	·	·	·62	·	·20	·05	·38	13
14	·29	·	·79	·01	·	·24	·	·14	·01	·01	·	·27	14
15	·28	·05	·18	·	·52	·18	·	·08	·	·	·	·20	15
16	·10	·02	·20	·	·15	·20	·	·05	·	·23	·04	·09	16
17	·	·15	·31	·	·10	·85	·	·54	·	·01	·11	·50	17
18	·	·02	·02	·	·	·06	·	·16	·	·46	·04	·15	18
19	·28	·09	·05	·	·	·03	·11	·60	·	·57	·20	·01	19
20	·25	·	·08	·	·29	·03	·05	·19	·	·32	·01	·09	20
21	·	·	·28	·	·19	·	·	·15	·	·29	·01	·17	21
22	·	·23	·01	·	·42	·10	·20	·52	·	·01	·01	·07	22
23	·	·	·20	·	·	·07	·68	·84	·	·	·39	·07	23
24	·09	·02	·04	·	·	·11	·03	·08	·	·01	·07	·18	24
25	·04	·	·01	·	·	·14	·02	·01	·	·	·52	·14	25
26	·	·20	·16	·	·	·02	·30	·44	·	1·38	·21	·28	26
27	·	·10	·58	·	·	·72	·55	·	·	·38	·05	·19	27
28	·	·05	·01	·	·	·17	·70	·61	·05	·48	·10	·04	28
29	·	·05	·02	·	·	·35	·62	·07	·40	·27	·	·10	29
30	·		·30	·	·10	·15	·23	·	·01	·15	·	·	30
31	·		·15		·40		1·18	·46		·		·06	31
Total	3·62	2·10	5·67	0·94	2·82 2·82	6·67	5·33 5·33	8·48	2·14	4·85 4·85	3·17	5·25	YEAR'S TOTAL 51·04 51·04
Rain Days.	16	18	27	10	14	27	18	27	11	17	23	27	235

W. 7,500, XI. ·12

Ex D.J.

REGISTER OF RAINFALL IN 1913

FORM A. BRITISH RAINFALL. 15 JAN 1914

Kept at Rawtenstall (Clough Bottom) No 2

in the County of Lancaster 53

by J Woodhead Smith

Lat. Long.

Time of Observation 9 am

Nearest Railway Station Waterfoot

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 1025 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·04	·03	·20	·20							·10		1
2	·01	·12	·33			·14					·30	·15	2
3	·04	·13	·29		·56					·02	·06	·64	3
4	·54	·18	·01				·05				·15	·58	4
5	·26	·08	·15		·03		·16				·02		5
6	·04	·24	·25		·44	·18	·14			·04	·04	·04	6
7		·50	·03		·41	·25	·13			·31		·04	7
8		·21	·05		·10			·21		·18	·11	·02	8
9	·01	·18	·33		·06	·50		·11			·12	·20	9
10	·01	·02	·23	·35	·04		·04			·04	·09		10
11	·04	·02		·15						·05	·20	·04	11
12	·05				·04		·03		·31		·35	·02	12
13		·01	·48	·02			·05	·08	·22	·04	·24		13
14	·08	·01	·14	·22			·02			·31	·18	·08	14
15	·18	·01	·30	·44				·10	·06	·03	·62		15
16	·01		·06	·06			·03				·34	·06	16
17	·01			·06	·18	·14	·29		·04		·14	·03	17
18	·15		·35	·31	·14	·02	·10				·38		18
19	·25			·09	·10	·18			·21	·15	·34		19
20	·22		·04	·06	·01					·14	·82		20
21			·16		·30		·11	·16			·04		21
22	·35		·50		·06			·74	·14				22
23	·33	·05	·04		·61	·36		·31	·16		·18	·22	23
24	·38			·09	·04	·19					·03	·04	24
25	·01	·03		·05					·49	·02	·04	·20	25
26			·05	·83					·10			·56	26
27				·58		·01				·22	·02	·14	27
28	·36		·21	·50		·03		~~·40~~		·02	·04		28
29			·33	·84				·10		·04	·24		29
30	·48		·02							·24	·12		30
31	·11		·22		·41					·02			31
Total	4·29	1·82	4·80	5·18	4·16	2·00	1·15	1·81	1·46	1·96	5·24	3·09	YEAR'S TOTAL 34·26
Rain Days.	24	16	24	14	14	11	12	8	9	14	24	14	199

W.7,000, XI. 13

Ex. Md.

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
13 JAN 1915

Kept at Rawtenstall (Clough Bottom Res.r)
in the County of Lancashire S 3 No. 2
by J Woodhead Smith

Lat. .... Long. ....
Time of Observation 9 am
Nearest Railway Station Waterfoot
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 1025 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·	·	·09	·	·	·	·89	·52	·	·	·	·33	1
2	·03	·	·	·	·	·	·12	·41	·	·20	·26	·15	2
3	·15	·	·37	·	·50	·	·	·13	·	·07	·	·54	3
4	·46	·	·44	·37	·26	·	·	·03	·	·	·11	·57	4
5	·07	·	·51	·21	·02	·45	·03	·09	·	·	·40	·50	5
6	·	·	·04	·31	·15	·08	·	·10	·	·	·36	·11	6
7	·02	·10	·19	·02	·24	·05	·	·	·	·	·06	·19	7
8	·81	·	·08	·	·27	·14	·	·54	·06	·03	·05	·10	8
9	·40	·18	·	·04	·03	·63	·	·11	·09	·	·20	·	9
10	·03	·21	·	·15	·02	·	·	·	·14	·	·20	·29	10
11	·	·22	·40	·	·03	·	·10	·	·14	·	1·19	·14	11
12	·	·29	·07	·	·25	·	·	·	·74	·	·48	·17	12
13	·	·47	·11	·03	·03	·	·10	·	·14	·05	·16	·21	13
14	·	·37	·14	·	·	·	·	·	·17	·	·24	·21	14
15	·	·03	·35	·	·	·	·	·	·12	·	·18	·	15
16	·03	·08	·03	·	·	·	·98	·	·71	·	·	·02	16
17	·03	·50	·22	·	·	·	·18	·	·56	·	·	·71	17
18	·	·10	·65	·	·	·	·	·	·	·	·	·04	18
19	·	·02	·12	·	·	·	·06	·	·11	·	·	·17	19
20	·	·10	·07	·	·	·	·	·	·02	·	·	·02	20
21	·	·27	·02	·	·	·10	·	·	·	·10	·	·05	21
22	·	·24	·02	·04	·08	·36	·	·05	·	·05	·	·	22
23	·	·03	·	·12	·09	·13	·09	·	·	·	·	·03	23
24	·04	·	·81	·10	·20	·07	·84	·47	·	·	·31	·	24
25	·11	·	·04	·	·	·	·36	·29	·	1·00	·07	·51	25
26	·04	·	·02	·	·	·	·08	·	·	·37	·52	·44	26
27	·06	·	·	·	·	·	·	·	·03	·39	·40	·51	27
28	·07	·20	·22	·	·04	·04	·10	·	·02	·10	·37	·02	28
29	·06		·09	·	·04	·	·	·	·	·17	·30	·	29
30	·	×	·51	·	·	·	·	·21	·	·03	·54	·40	30
31	·69	×	·14	×	·03	×	·60	·	×	·07	×	·	31
Total	3·10	3·41	5·15	1·39	2·28	2·05	4·53	2·95	3·05	2·63	6·40	6·43	YEAR'S TOTAL 43·37
Rain Days.	17	17	26	10	17	10	14	12	14	13	20	25	195

W. 8,000. X. 14.

3086

FORM A.
BRITISH RAINFALL.

15. JAN 1916

REGISTER OF RAINFALL IN 1915

Rawtenstall Res

Kept at Clough Bottom No. 2

in the County of Lancashire

by J. Woodhead Smith

Lat. Long.

Time of Observation 9 am

Nearest Railway Station Rawtenstall

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 1025 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·14	·39	·	·	·20	·	·21	·23	·25	·	·	·05	1
2	·03	·53	·30	·28	·	·04	·41	·40	·	·02	·	·	2
3	·58	·02	·13	·54	·	·	·22	·04	·	·	·	·44	3
4	·02	·35	·02	·	·03	·	·30	·	·	·	·	·61	4
5	·12	·51	·30	·	·	·06	·	·03	·	·	·	1·19	5
6	·20	·03	·05	·48	·	·	·58	·	·	·	·02	·43	6
7	·63	·61	·	·19	·	·	·34	·54	·	·	·	·33	7
8	·36	·24	·	·34	·	·	·	·09	·	·	·64	·	8
9	·03	·04	·	·14	·	·	·04	·02	·	·07	·27	·15	9
10	·69	·	·11	·	·	·	·06	·22	·	·02	·	·31	10
11	·31	·	·	·	·60	·	·17	·19	·	·	·08	·37	11
12	·46	·	·03	·19	·06	·	·05	·16	·	·23	·29	·	12
13	·18	·39	·02	·	·	·	·04	·04	·04	·	·	·02	13
14	·22	·	·	·10	·	·	·40	·39	·15	·	·	·13	14
15	·64	·	·	·	·	·	·12	·02	·04	·	·29	·31	15
16	·	·90	·	·06	·13	·	·68	·74	·	·	·	·03	16
17	·	·40	·	·	·	·	·05	·	·	·	·	·	17
18	·02	·38	·44	·	·	·	·	·	·	·02	·	·	18
19	·02	·26	·13	·13	·18	·	·25	·	·	·	·	·	19
20	·42	·	·03	·	·15	·	·09	·11	·	·	·	·43	20
21	·06	·09	·	·04	·	·	·11	·	·	·	·	·17	21
22	·02	·	·	·	·	·	·04	·	·	·	·	·31	22
23	·	·04	·26	·	·	·	·18	·	·02	·46	·	·20	23
24	·	·	·12	·	·	·	·03	·	·38	·09	·	·45	24
25	·	·	·	·	·	·14	·	·	·08	·02	·	·31	25
26	·	·48	·	·	·	·21	·34	·	·	·	·	·64	26
27	·	·28	·	·	·	·05	·08	·	·	·31	·	·27	27
28	·	·28	·	·	·02	·13	·	·45	·	·08	·	·02	28
29	·		·	·	·09	·20	·	·	·	·	·10	·13	29
30	·19	X	·	·12	·	·	·	·07	·	·	·	·02	30
31	·20	X	·	X	·	X	·05	·33	X	·08	X	·64	31
Total	5·54	6·22	1·94	2·61	1·46	0·83	4·84	4·07	0·96	1·40	1·69	7·96	YEAR'S TOTAL 39·52
Rain Days.	22	19	13	12	9	7	24	18	7	11	7	25	174

W. 8,000. X. 15.

✓ Cwdy No 1 3003

REGISTER OF RAINFALL IN 1916

FORM A. BRITISH RAINFALL. 11 JAN 1917

Kept at Rawtenstall (Clough Bottom Res) No.2

in the County of Lancashire

by Woodhead Smith

Lat. – Long. –
Time of Observation 9 am
Nearest Railway Station Waterfoot
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 1025 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·33	·05	·09	·	·	·28	·60	·	·	·	·09	·	1
2	·21	·18	·08	·	·	·14	·	·	·30	·14	·08	·	2
3	·	·13	·	·04	·	·11	·28	·	·43	·30	·14	·	3
4	·	·21	·	·02	·43	·81	·	·	·04	·55	·30	·	4
5	·31	·43	·	·	·13	·24	·	·	·	·83	·51	·	5
6	·41	·34	·04	·	·31	·15	·11	·	·	·21	·49	·06	6
7	·04	·10	·06	·	·41	·08	·05	·	·	·32	·04	·34	7
8	·02	·11	·19	·02	·02	·08	·06	·	·	·04	·35	·06	8
9	·08	·	·	·	·40	·18	·	·	·	·	·24	·28	9
10	·04	·08	·	·11	·	·41	·11	·	·	·31	·08	·20	10
11	·11	·39	·04	·59	·	·04	·09	·	·12	·	·03	·11	11
12	·22	·32	·04	·14	·43	·	·56	·05	·04	·28	·02	·	12
13	·	·08	·04	·34	·	·	·	·09	·11	1·11	·	·04	13
14	·04	·09	·02	·14	·54	·	·	·31	·11	·44	·	·	14
15	·04	·20	·31	·04	·	·	·11	·48	·15	·14	·	·	15
16	·02	·09	·54	·34	·	·	·26	·48	·	·03	·	·	16
17	·11	·14	·	·81	·	·	·21	·46	·68	·10	·	·	17
18	·	·61	·	·19	·	·	·	·34	·30	(·24) ~~·23~~	·19	·38	18
19	·33	·03	·30	·30	·	·	·	·13	·03	·	·05	·	19
20	·30	·	·12	·24	·	·	·	·03	·	·	·06	·03	20
21	·21	·	·	·	·	·	·02	·	·	·	·	·	21
22	·	·03	·	·	·	·09	·	·	·	·31	·	·04	22
23	·09	·	·04	·16	·	·04	·	·02	·	·	·46	·19	23
24	·	·34	·	·03	·	·	·	·16	·	·06	·	·12	24
25	·09	·09	·11	·	·12	·03	·	·51	·	·	·43	·02	25
26	·04	·14	·05	·	·	·	·	·02	·	·08	·	·	26
27	·	·19	·	·	·	·	·	·	·	·59	·	·	27
28	·	·12	·04	·	·	·	·	·	·	1·26	·08	·54	28
29	·	·04	·	·	·	·18	·	·	·	·56	·	·66	29
30	·02	X	·	·	·	·02	·04	·	·	·94	·03	·	30
31	·	X		X	·10	X	·	·10	X	·05	X	·64	31
Total	3·42	4·62	2·23	3·54	2·92	2·94	2·50	4·08	2·64	8·89	3·40	3·80	YEAR'S TOTAL 45·31
Rain Days.	21	25	14	16	10	16	13	14	11	23 ~~22~~	19 ~~18~~	16	201

W. 8,000, VIII. 16

2856

FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1917

Kept at Rawtenstall (Clough Bottom) No. 7
in the County of Lancashire
by J Woodhead & Smith

Lat. .... Long. ....
Time of Observation 9 a.m.
Nearest Railway Station Waterfoot
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 1025 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·09	·	·	·09	·	·25	·	·07	·35	·	·17	·34	1
2	·75	·	·	·08	·	·11	·	·03	·	·07	·02	·	2
3	·08	·13	·	·06	·	·26	·	·	·	·45	·07	·	3
4	·	·03	·10	·	·	·	·	·	·	·48	·	·	4
5	·20	·	·12	·16	·	·	·	·03	·	·20	·38	·08	5
6	·06	·	·	·	·	·11	·	·	·	·40	·43	·14	6
7	·40	·	·05	·	·	·27	·	·	·	·83	·17	·15	7
8	·09	·	·	·36	·	·07	·	·37	·04	·90	·25	·30	8
9	·	·	·07	·11	·		·	·16	·	·25	·59	·	9
10	·22	·	1·00	·19	·13	·	·	·12	·	·06	·	·	10
11	·09	·	·	·06	·	·	·	·08	·	·24	·02	·	11
12	·	·	·	·02	·37	·	·	·59	·	·52	·	·10	12
13	·12	·	·	·15	·13	·	·	·06	·59	·05	·07	·37	13
14	·14	·	·	·23	·02	·	·	·61	·	·	·	·20	14
15	·08	·	·	·10	·	·	·62	·04	·23	·15	·	·29	15
16	·	·	·03	·20	·	·	·04	·27	·	·	·03	·27	16
17	·	·08	·22	·30	·08	·	·23	1·31	·03	·24	·02	·	17
18	·	·	·07	·04	·03	·	·60	·36	·33	·30	·05	·	18
19	·	·07	·49	·03	·44	·14	·	·04	·	·	·	·	19
20	·	·22	·	·	·17	·44	·	·05	·04	·	·54	·	20
21	·	·02	·08	·	·08	·	·	·24	·	·06	·04	·	21
22	·	·	·	·	·	·	·	·43	·23	·35	·18	"	22
23	·	·05	·	·	·15	·43	·	·37	·04	·14	·	·10	23
24	·	·	·	·	·	·	·	·29	·	·64	·25	·41	24
25	·	·11	·05	·	·	·	·	·06	·	·51	·	·	25
26	·	·	·	·	·	·11	·	·55	·39	121	1·37	·	26
27	·	·	·04	·	·39	·13	·53	·63	·	·25	·27	·06	27
28	·	·14	·34	·	·	·	·	·40	·	·03	·11	·	28
29	·	X	·13	·	·	·	·09	·23	·	·42	·14	·08	29
30	·06	X	·16	·	·	·	·	·18	·	·18	·12	·	30
31	·	X	·39	X	·04	X	·	·33	X	·	X	·02	31
Total	2·38	·85	3·34	2·18	2·03	2·32	2·11	7·90	2·27	7·93	5·29	2·61	YEAR'S TOTAL 41·21
Rain Days.	13	9	16	16	12	11	6	27	10	25	22	15	182

W. 8,000, IX. 17.

94

FORM A.
BRITISH RAINFALL.

9. 1. 19

REGISTER OF RAINFALL IN 1918

Kept at Rawtenstall (Clough Bottom No 2)
in the County of Lancashire
by J Woodhead Smith

Lat. .... Long. ....
Time of Observation 9 am
Nearest Railway Station Waterfoot
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 1025. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		.22	.	.03	.04	.	.	.	.96	.22	.30	.28	1
2	.	.17	.	.03	.	.	.	.	.39	10	.	.44	2
3	.	.07	.	.	.75	.	.	.04	.	.61	.03	.04	3
4	.07	.02	.	.	.04	.	.	.19	24	18	.77	.48	4
5	03	.	.04	.11	.16	03	.	.51	09	.58	.08	.02	5
6	09	1.20	.	.33	.	.32	.	18	.	.20	.	.05	6
7	.	.26	.	.29	.	.	.	.05	.34	.17	.37	-	7
8	.04	.23	.07	.	.	.	.21	.04	1.09	.14	.14	.06	8
9	.30	.62	.	.02	.	.23	.	.	1.01	.58	.08	.05	9
10	.05	.80	.	.	.	.	.04	.	.67	.13	.37	.03	10
11	.34	.20	.05	.08	.07	.	.07	.03	.40	.	.	.22	11
12	.06	.40	.	.06	.	.	09	.	.34	.11	.	.36	12
13	.04	.	.	.03	.15	.05	.	.	.31	.04	.	.	13
14	.32	.	.	.	.	.10	.13	.	.64	.22	.	.31	14
15	.06	.		.	.02	.08	.49	.	1.13	.	.	.72	15
16	.02	.	.	.	.	.30	.37	.18	.37	.03	.	.51	16
17	.07	.	.	.	.	.04	.33	.17	.08	.27	.	.40	17
18	.41	.	.09	.	.	.07	.27	.03	.45	.	.	.61	18
19	.21	.12	.22	.08	.	.	.32	.41	84	.06	.	.59	19
20	.18	.46	.	.12	.08	.12	.48	.	.37	.	.	.04	20
21	.41	44	.	.	40	.14	.	.	.60	.	.	.14	21
22	12	.03	.	.	44	.18	.19	.03	.11	.	.	80	22
23	.04	.	.	.	.13	.02	.14	.	.10	.	.06	.08	23
24	05	.20	.	.	.	.	06	.03	.13	.06	.05	.20	24
25	.	.	.	.	.05	.36	.15	.42	.07	.	.	.	25
26	.	.11	.	.	.	.	.04	05	.61	.05	.36	.17	26
27	.	.12	.51	.	.	.12	.	.63	.63	.05	.19	.84	27
28	.	.04	.33	.	.	.	.	.06	.12	.	.10	.96	28
29	.		.	.	.	.	.	.04	.02	.	.	.66	29
30	.	X	.30	.	.	.	.	.24	.	.04	24	.36	30
31	.	X	.31	X	.	X	.	.39	X	.	X	.	31
Total	2.91	5.71	1.92	1.18	2.33	2.16	3.38	3.72	12.11	3.84	3.20	9.37	YEAR'S TOTAL 51.83
Rain Days.	20	19	9	11	12	15	16	20	24	20	14	27	210

W, 6,500, VII. 18. w w c

No 2698
MB
9 JAN

FORM A. I. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Waterfoot (Clough Bottom No 2)
in the County of Lancashire
by Woodhead Smith

Lat. .... Long. ....
Time of Observation 9am
Nearest Railway Station Waterfoot
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft 0 in.
" " " " Sea Level 1025 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·77	·	·06	-	·59	·	·36	·22	·44	·50	·06	·14	1
2	·16	-	·41	-	·07	·	·21	·12	·04	·06	·04	·20	2
3	·84	·	-	-	·05	·20	·27	·	·02	-	·07	·34	3
4	·18	·09	·21	·	·03	·03	·14	·14	·04	-	·03	·21	4
5	·04	·	-	·05	·10	-	·	-	-	·04	·04	·26	5
6	·03	·	·59	-	·44	·	·	-	-	-	-	·14	6
7	·07	·	·37	·04	·07	·	·	-	·20	-	·08	-	7
8	·21	·	·03	-	·03	·11	·	-	-	-	·02	-	8
9	·55	·	·09	-	-	·	·	·02	-	-	·02	-	9
10	-	·	·87	·20	-	·	·	-	-	·02	·03	·70	10
11	·04	·	·36	·12	·51	·	·14	·	-	·03	-	·04	11
12	-	·	·21	·06	·03	·22	·21	·	·06	·10	·17	-	12
13	·30	·	-	·54	-	·06	·08	·07	·	·45	-	·10	13
14	·29	·	-	·19	-	-	-	·07	·	·	-	·03	14
15	·34	·	·02	·05	-	-	·02	·09	·	·	-	·51	15
16	·14	·11	·	·12	-	·06	-	-	·	·	·12	·02	16
17	·04	·03	·	·11	·07	·16	-	·45	:	·	·85	·03	17
18	-	·	·20	-	-	-	·07	·24	·26	·	·07	·40	18
19	·10	·18	·50	·	·	·25	·40	·13	·09	·	·36	·07	19
20	·28	·05	·07	·	-	·24	·09	·12	·04	·	·25	·72	20
21	·04	·46	·04	·	·	·06	·24	·20	·09	·	·04	·24	21
22	-	·18	-	·	·	·16	·	·12	·40	·	·21	·83	22
23	-	-	-	·	·	·12	·	·	-	·74	·10	·34	23
24	-	·	·	·14	·06	·03	·	·	·44	·17	·20	·70	24
25	·21	·04	·	·18	-	·14	·	·64	·22	·	(·46)	·	25
26	·18	·03	·47	·13	·	·10	·02	·80	·25	·	·23	·67	26
27	·12	·03	-	·15	-	·	·	·06	·	·	·04	·10	27
28	-	-	·	·07	-	·04	·	·54	·	·12	·	·53	28
29	-	X	·	-	-	·03	·	·17	·	·38	·	·15	29
30	-	X	·16	·17	-	·16	·	·	·	·08	·57	·41	30
31	·03	X	·06	X	-	X	·30	·	X	·03	X	·06	31
TOTAL	4·96	1·20	4·72	2·32	2·05	2·17	2·55	4·20	2·61	2·72	4·06	7·94	YEAR'S TOTAL 41·50
Days with ·01 in. or more	22	10	18	16	12	18	14	18	14	13	23	26	204

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

Max Daily Fall 0·87 in on March 10

2584

Form A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1920.

Kept at Rawtenstall (Clough Bottom) No 2
in the County of Lancaster
by J Woodhead Smith

Lat. Long.
Time of Observation 9 am.
Nearest Railway Station Waterfoot
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 1025 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	~~·8~~		·09	·18	·61	·03	·58	·04	·13	·12	·13	·22	1
2	·02			·11	·05	·	·15	·12	·43	·09	·12	·44	2
3	·05		·13	·15	·14	·04	·52	·18	·18	·20		·22	3
4			·	·17	·04		·27	1·09	·07	·64		·04	4
5			·07		·60		·29	·30	·40	·36	·02	·02	5
6		·03	·30	·16	·31		·05	·02		·02	·11	·22	6
7	·21	·07	·04	·14	·20		·61	·	·03		·05		7
8	·14	·03		·42	·18		·10	·07	·02				8
9	·28	1·38	·07	·31			·12	·02	·04		·06		9
10	·90	·74	·07	·04			·40	·03					10
11	·33	·09	·06	·08	·26	·40	·02	·02				·09	11
12	·34	·27	·31	·44	·10	·11	·16	·02			·26	·06	12
13	·28	·14	·34	·33	·03	·54	·09		,		·41	·03	13
14	·05	·28	·17	·39		·30	·11		·35	·04	·76		14
15	·03	·23	·07	·51			·02		·04	·07	·07		15
16			·18	·10	·14		·64		·23		·25		16
17	·10		·08		·21		·02	·44	·17	·02			17
18	·16			·23	·64		·02		·11				18
19	·06	·44		·13	·43	·11	·05	·21					19
20	·16			·27		·06	·24		·09			·23	20
21	·07						·60	·05				·25	21
22	·20			·34		·10	·27	·11					22
23			·04	·16			·69	·04				·45	23
24	·08		·87	·09			·17	·03				·20	24
25	·02	·15	·12	·37		·07	·74						25
26	·17	·19	·41	·42	·31		·08				·06	·13	26
27	·20	·03	·20	22	·38	·59	·06				·18	·05	27
28	·37	·05	·17	44	·10	·05	·10				·03	·28	28
29	·22		·33	·12	·70	·06	·27				·21	·59	29
30	·28		·04	·16	·10	·07			·33		·37	·43	30
31	·28				·18		·08			·15		·14	31
Total	5·00	4·12	4·16	6·48	5·71	2·53	7·52	2.79	2·62	1·71	3·12	4·09	YEAR'S TOTAL 49·85
Days with ·01 in. or more	25	15	22	27	21	14	30	17	15	10	16	19	231
Days with ·04 in. or more	22	12	22	27	20	13	26	11	13	8	14	17	205

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

2926 LANCASHIRE

RAWTENSTALL - HASLON. RES. No 1
~~CLOWBRIDGE~~ ~~RES~~ ~~No1~~
~~HASLON~~ ~~RES~~

1911 - 20

FORM A2.
BRITISH RAINFALL.
5 - JAN 1912

R

Kept at Rawtens 8 in.
Ground 1 ft. - in.
in the County of Lan
Sea Level 930 ft.
by J. Woodhe
a.m.
Name Rawtenstall
Distance Direction

IMPORTANT NO the result entered to the previous day. If an versal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·	·	0·55	·	0·03	·	0·22	0·01	·	·	0·37	0·07	1
2	0·10	·	0·30	·	0·35	·	0·09	0·06	·	0·11	0·15	0·15	2
3	·	·	0·26	·	0·87	·	0·01	·	0·01	0·02	0·96	0·05	3
4	0·02	·	0·10	0·02	·	·	0·04	0·33	0·16	0·03	0·74	0·50	4
5	0·09	·	0·09	·	0·04	·	·	0·63	·	0·02	0·37	0·15	5
6	0·35	·	0·09	0·05	·	·	·	0·51	·	0·20	0·41	0·41	6
7	0·07	·	·	0·01	·	·	·	·	·	0·15	0·21	0·02	7
8	0·19	·	0·43	·	·	·	·	·	·	0·2	0·06	1·19	8
9	0·06	·	·	·	·	·	·	·	·	\	0·02	0·47	9
10	0·28	0·01	0·10	·	·	·	·	·	0·01	·	·	0·81	10
11	0·18	·	0·03	·	·	·	·	·	0·01	·	0·70	0·13	11
12	0·01	0·02	0·27	·	0·06	·	·	·	1·31	·	0·50	0·01	12
13	0·01	0·02	0·01	·	1·11	·	·	·	·	·	0·15	0·56	13
14	0·08	0·60	0·02	·	1·72	·	·	·	·	·	0·08	0·56	14
15	0·01	0·29	0·08	0·07	·	·	·	·	·	0·04	0·36	0·40	15
16	·	0·99	0·09	0·13	·	0·10	0·08	·	·	0·03	0·16	0·36	16
17	0·08	0·03	0·03	·	0·15	2·32	0·02	·	·	·	0·43	0·15	17
18	·	0·47	0·04	0·02	·	0·11	0·01	0·01	·	0·03	0·12	0·27	18
19	·	0·15	·	0·15	·	0·03	0·08	·	0·64	0·42	0·10	0·37	19
20	·	0·15	·	0·33	·	0·02	0·15	0·58	0·12	0·06	·	0·39	20
21	0·02	0·83	0·05	0·08	·	0·01	0·03	0·08	·	0·28	·	0·37	21
22	0·10	0·15	·	0·04	·	0·07	0·01	0·03	·	0·26	0·07	0·02	22
23	0·02	0·43	0·03	0·03	0·32	0·51	·	·	0·20	0·25	·	0·36	23
24	0·24	0·24	0·02	0·20	·	1·70	0·02	0·10	·	0·31	·	0·23	24
25	0·02	0·48	0·01	0·44	·	0·07	·	0·02	0·71	0·13	·	0·41	25
26	0·03	0·03	·	0·37	0·02	0·08	0·01	0·17	·	0·55	0·18	0·36	26
27	0·04	0·39	0·02	0·44	·	0·03	·	0·54	0·65	·	0·02	0·12	27
28	·	0·38	·	0·42	·	0·16	·	0·01	0·12	·	·	0·52	28
29	·		0·02	0·73	·	0·49	·	·	0·45	0·75	0·01	0·14	29
30	·		·	0·03	0·08	0·56	·	·	0·02	0·71	0·03	·	30
31	·		0·05		·		0·01	·		0·21		0·08	31
Total	2·00	5·66	2·69	3·56	4·75	6·26	0·78	3·08	4·41	4·56	6·20	9·63	TOTAL for year ~~53·58~~
No. of Rain Days.	21	18	23	18	11	15	14	14	13	21	23	~~9·63~~ 30	221

9·70 53·65

W. 8,000, X. '11.

FORM A2.
BRITISH RAINFALL.
5 - JAN 1912

REGISTER OF RAINFALL IN

Kept at Rawtenstall (Hapton Res) No. 1

in the County of Lancashire 53

by J. Woodhead Smith.

RAIN GAUGE
Pattern
Diameter of top 8 in.
Height of top above Ground 1 ft. - in.
" " " Sea Level 930 ft.

Time of Observation 9 am

Nearest Railway Station
Name Rawtenstall
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·	·	0·55	·	0·03	·	0·22	0·01	·	·	0·37	0·07	1
2	0·10	·	0·30	·	0·35	·	0·09	0·06	·	0·11	0·15	0·15	2
3	·	·	0·26	·	0·87	·	0·01	·	0·01	0·02	0·96	0·05	3
4	0·02	·	0·10	0·02	·	·	0·04	0·33	0·16	0·03	0·74	0·50	4
5	0·09	·	0·09	·	0·04	·	·	0·63	·	0·02	0·37	0·15	5
6	0·35	·	0·09	0·05	·	·	·	0·51	·	0·20	0·41	0·41	6
7	0·07	·	·	0·01	·	·	·	·	·	0·15	0·21	0·02	7
8	0·19	·	0·43	·	·	·	·	·	·	0·2	0·06	1·19	8
9	0·06	·	·	·	·	·	·	·	·		0·02	0·47	9
10	0·28	0·01	0·10	·	·	·	·	·	0·01	·	-	0·81	10
11	0·18	·	0·03	·	·	·	·	·	0·01	·	0·70	0·13	11
12	0·01	0·02	0·27	·	0·06	·	·	·	1·31	·	0·00	0·01	12
13	0·01	0·02	0·01	·	1·11	·	·	·	·	·	0·15	0·56	13
14	0·08	0·60	0·02	·	1·72	·	·	·	·	·	0·08	0·56	14
15	0·01	0·29	0·08	0·07	·	·	·	·	·	0·04	0·36	0·40	15
16	·	0·99	0·09	0·13	·	0·10	0·08	·	·	0·03	0·16	0·36	16
17	0·08	0·03	0·03	·	0·15	2·32	0·02	·	·	·	0·43	0·15	17
18	·	0·47	0·04	0·02	·	0·11	0·01	0·01	·	0·03	0·12	0·27	18
19	·	0·15	·	0·15	·	0·03	0·08	·	0·64	0·42	0·10	0·37	19
20	·	0·15	·	0·33	·	0·02	0·15	0·58	0·12	0·06	·	0·39	20
21	0·02	0·83	0·05	0·08	·	0·01	0·03	0·08	·	0·28	·	0·37	21
22	0·10	0·15	·	0·04	·	0·07	0·01	0·03	·	0·26	0·07	0·02	22
23	0·02	0·43	0·03	0·03	0·32	0·51	·	·	0·20	0·25	·	0·36	23
24	0·24	0·24	0·02	0·20	·	1·70	0·02	0·10	·	0·31	·	0·23	24
25	0·02	0·48	0·01	0·44	·	0·07	·	0·02	0·71	0·13	·	0·41	25
26	0·03	0·03	·	0·37	0·02	0·08	0·01	0·17	·	0·55	0·18	0·36	26
27	0·04	0·39	0·02	0·44	·	0·03	·	0·54	0·65	·	0·02	0·12	27
28	·	0·38	·	0·42	·	0·16	·	0·01	0·12	·	·	0·52	28
29	·		0·02	0·73	·	0·49	·	·	0·45	0·75	0·01	0·14	29
30	·		·	0·03	0·08	0·56	·	·	0·62	0·71	0·03	·	30
31	·		0·05		·		0·01	·		0·21		0·08	31
Total	2·00	5·66	2·69	3·56	4·75	6·26	0·78	3·08	4·41	4·56	6·20	9·63 ~~9·63~~ 9·70	TOTAL for year ~~53·58~~ 53·65
No. of Rain Days.	21	18	23	18	11	15	14	14	13	21	23	30	221

W. 8,000, X. '11.

No. 1 Gauge

FORM A. BRITISH RAINFALL.

10 JAN 1913

Ex D J

REGISTER OF RAINFALL IN 1912

Kept at Hapton (Rawtenstall)

in the County of ~~Rawtenstall~~ Lancashire

by J. Woodhead Smith S3

Lat. Long.

Time of Observation 9.am.

Nearest Railway Station Cloughfold

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 930 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·01	·	·41	·	·	·09	·19	·31	·35	·	·03	·85	1
2	·03	·04	·23	·08	·24	·15	·31	·01	·11	·	·02	·25	2
3	·71	·	·26	·	·	·49	·	·49	·74	·	·03	·12	3
4	·47	·02	·94	·49	·08	·81	·	1·03	·03	·	·61	·02	4
5	·37	·01	·13	·01	·39	·34	·	·24	·27	·03	·07	·03	5
6	·30	·16	·	·02	·08	·03	·	·51	·01	·02	·03	·02	6
7	·	·15	·02	·08	·18	·04	·12	·06	·30	·	·10	·05	7
8	·45	·46	·26	·13	·06	·06	·10	·08	·17	·	·27	·01	8
9	·30	·06	·28	·38	·	·30	·01	·06	·	·	·10	·27	9
10	·24	·05	·	·01	·	·18	·07	·23	·01	·	·80	·02	10
11	·15	·04	·	·	·02	·	·07	·04	·	·	·01	·88	11
12	·11	·08	·36	·	·	·40	·	·	·	·	·	·15	12
13	·02	·01	·02	·	·	·03	·	·59	·02	·25	·03	·54	13
14	·31	·	·89	·	·01	·21	·	·23	·02	·03	·	·47	14
15	·21	·08	·27	·	·49	·15	·	·15	·	·	·	·27	15
16	1·16	·02	·23	·	·17	·25	·	·12	·02	·26	·06	·17	16
17	·04	·20	·29	·	·06	1·03	·	·47	·	·02	·19	·53	17
18	·08	·02	·07	·	·	·15	·	·15	·	·58	·05	·26	18
19	·04	·08	·33	·	·	·04	·07	·60	·	·75	·23	·01	19
20	·17	·	·05	·	·29	·07	·03	·20	·	·46	·05	·25	20
21	·02	·	·37	·	·01	·01	·02	·19	·	·36	·02	·17	21
22	·	·21	·	·	·29	·08	·15	·55	·	·02	·02	·07	22
23	·	·02	·20	·	·	·05	·67	1·18	·	·01	·49	·13	23
24	·	·04	·	·	·04	·18	·02	·07	·	·01	·09	·06	24
25	·	·02	·03	·	·	·47	·27	·01	·	·02	·88	·19	25
26	·	·25	·29	·	·	·04	·30	·27	·	1·80	·37	·16	26
27	·	·13	·79	·	·	·89	·64	·	·	·47	·04	·17	27
28	·	·05	·02	·	·	·20	·82	·67	·05	·61	·15	·05	28
29	·	·04	·03	·	·	·16	·70	·07	·30	·27	·03	·15	29
30	·		·38	·	·01	·18	·30	·03	·02	·15	·	·01	30
31	·		·23		·36		1·21	·47		·		·07	31
Total	5·19	2·24	7·38	1·20	2·78	7·08	6·07	9·08	2·42	6·12	4·77	6·40	YEAR'S TOTAL 60·73
Rain Days.	20	24	26	8	17	29	20	29	15	19	26	31	264

W. 7,500, XI. ·12

FORM A. BRITISH RAINFALL.

15 JAN 1914

REGISTER OF RAINFALL IN 1913

Kept at Rawtenstall (Hapton) No1

in the County of Lancaster

by J Woodhead Smith

Lat. Long.

Time of Observation 9 am

Nearest Railway Station Rawtenstall

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 930 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·09	·02	·29	·14							·16		1
2	·03	·20	·35	·03		·20					·32	·14	2
3	·12	·14	·41		·69		·01		·01	·04	·04	·81	3
4	·35	·24	·04		·02	·02	·04		·01	·01	·18	·61	4
5	·34	·13	·31		·03	·20	·20				·04	·01	5
6	·08	·35	·38		·42	·19	·30			·04	·11	·03	6
7		·62	·09		·36	·32	·08			·55	·02	·04	7
8		·24	·04		·06	·04		·32	·02	·05	·14	·05	8
9	·01	·14	·44		·04	·44	·02	·04			·10	·24	9
10	·02	·03	·35	·02	·20	·03	·05		·10	·05	·09	·02	10
11	·12	·03	·01	·44	·01	·14				·04	·19	·12	11
12	·11		·01		·02		·04		·24	·01	·54	·05	12
13	·03		·40	·03		·01	·05	·10	·34	·05	·14		13
14	·14	·03	·25	·16			·01		·08	·34	·21	·10	14
15	·15	·02	·61	1·30			·02	·18	·04	·04	·84	·06	15
16	·02		·05	·11			·04	·01		·01	·44	·05	16
17		·01	·03	·20	·23	·04	·34		·08		·19	·01	17
18	·14		·48	·41	·26	·05	·09				·46		18
19	·24		·06	·21	·21	·29	·02		·09	·18	·31		19
20	·19		·12	·04	·06		·01			·24	1·30		20
21			·21		·08		·16	·14		·01	·09		21
22	·46		·40		·16			·82	·16	·01	·02		22
23	·60		·09		·99	·49		·59	·14		·23	·24	23
24	·50	·05	·01	·21	·15	·20		·14			·05	·11	24
25	·02		·01	·10					·54	·04	·08	·26	25
26		·04	·05	1·19		·04			·18	·04	·01	·43	26
27		·02	·02	·80		·04				·36	·04	·10	27
28	·14	·02	·33	·48	·02	·03				·04	·06	·01	28
29			·31	·98	·06			·14		·06	·24	·02	29
30	1·12		·03							·45	·11	·01	30
31	·14		·23		·36							·01	31
Total	5·54	2·42	4·04	6·88	4·46	3·16	1·48	2·54	2·06	2·48	6·93	3·89	YEAR'S TOTAL 49·54
Rain Days.	24	18	31	18	21	18	14	10	14	22	30	24	244

W.7,000, XI. 13

W. M9.

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
13 JAN 1915

Kept at Rawtenstall (Hapton Resv) No 1
in the County of Lancashire 5 3
by J Woodhead Smith

Lat. .... Long. ——
Time of Observation 9 am
Nearest Railway Station Burnley
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 930 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·02	·02	·15	·01	·	·04	1·57	·16	·	·06	·01	·35	1
2	·05	·01	·04	·03	·	·	·36	·88	·	·30	·42	·19	2
3	·26	·	·38	·03	·61	·	·06	·12	·	·03	·04	·92	3
4	·38	·	·52	·37	·24	·	·	·07	·	·	·09	·44	4
5	·04	·	·65	·32	·11	·34	·	·02	·	·	·44	·66	5
6	·01	·08	·07	·31	·15	·14	·04	·27	·	·	·43	·11	6
7	·07	·14	·27	·08	·40	·07	·	·07	·	·	·09	·36	7
8	1·54	·07	·14	·09	·36	·24	·02	·54	·16	·04	·08	·14	8
9	·55	·27	·01	·25	·05	·80	·	·27	·	·	·30	·02	9
10	·04	·38	·01	·07	·06	·	·	·	·16	·	·30	·	10
11	·	·12	·40	·01	·06	·	·08	·	·45	·	1·75	·29	11
12	·	·37	·14	·	·17	·	·	·	·85	·	·68	·14	12
13	·	·54	·25	·05	·05	·	·20	·	·14	·09	·34	·17	13
14	·03	·49	·15	·	·	·	·01	·	·20	·	·27	·26	14
15	·01	·03	·37	·	·	·	·	·	·16	·	·18	·02	15
16	·	·67	·05	·	·	·	1·36	·	·85	·	·03	·05	16
17	·08	·58	·13	·	·	·	·24	·	·75	·	·	1·42	17
18	·	·19	·25	·	·	·10	·02	·	·02	·02	·	·09	18
19	·	·06	·15	·	·	·	·20	·	·11	·	·	·30	19
20	·	·25	·11	·	·	·	·	·	·	·02	·	·03	20
21	·	·26	·06	·	·	·16	·01	·05	·	·08	·04	·04	21
22	·	·40	·08	·	·09	·42	·	·12	·	·05	·02	·03	22
23	·	·08	·15	·18	·22	·12	·17	·	·	·	·	·	23
24	·10	·	·77	·13	·	·08	·87	·50	·	·02	·37	·	24
25	·13	·	·02	·	·	·	·37	·33	·	1·18	·10	·77	25
26	·04	·	·03	·	·	·	·11	·02	·03	·37	·89	·47	26
27	·13	·	·	·	·	·02	·	·	·03	·53	·53	1·15	27
28	·10	·24	·17	·	·03	·06	·17	·	·05	·07	·48	·04	28
29	·14		·17	·	·10	·01	·	·06	·	·17	·44	·05	29
30	·	✕	·53	·	·01	·	·	·17	·	·03	·35	·48	30
31	·79	✕	·33	✕	·03	✕	·59	·	✕	·10	✕	·02	31
													YEAR'S TOTAL
Total	4·51	4·65	6·55	1·93	2·74	2·60	6·45	3·65	3·96	3·16	8·67	9·01	57·88
Rain Days.	20	21	30	14	17	14	19	16	14	17	25	28	235

W. 8,000. X. 14.

3087

FORM A.
BRITISH RAINFALL.
15 JAN 1916

REGISTER OF RAINFALL IN 1915

Kept at Rawtenstall (Hapton Res) No 1

in the County of Lancashire

by J. Woodhead Smith

Lat. Long.

Time of Observation 9 am

Nearest Railway Station Rawtenstall

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 930 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·18	·49	·04	·	·30	·	·20	·30	26	·	·02	·04	1
2	·02	·61	·41	·	·	·07	·40	·47	·	·02	·	·02	2
3	·70	·02	·26	·	·	·	·28	·05	·	·	·	·42	3
4	·03	·49	·03	·	·11	·11	·30	·	·	·	·	·45	4
5	·19	·60	·46	·	·02	·03	·	·02	·	·	·	1·05	5
6	·36	·23	·08	·64	·	·	·59	·06	·	·	·03	·54	6
7	·91	·92	·	·25	·	·	·39	·79	·	·	·	·38	7
8	·50	·17	·	·33	·	·	·	·09	·	·	·75	·	8
9	·01	·10	·	·14	·	·	·05	·05	·	·09	·31	·32	9
10	·74	·	·20	·02	·	·	·08	·12	·	·02	·	·40	10
11	·29	·02	·02	·01	1·02	·	·10	·54	·	·	·10	·35	11
12	·40	·04	·02	·18	·05	·	·16	·15	·	·36	·36	·	12
13	·39	·36	·02	·03	·	·	·09	·11	·03	·02	·	·06	13
14	·18	·01	·	·14	·	·	·45	·40	·21	·03	·	·16	14
15	1·21	·	·	·04	·	·	·16	·02	·05	·	·42	·40	15
16	·	1·26	·	·09	·17	·	·88	1·07	·	·	·	·	16
17	·	·54	·	·02	·02	·	·04	·	·	·	·	·10	17
18	·04	·51	·20	·02	·	·	·	·01	·	·02	·	·	18
19	·04	·30	·21	·13	·17	·	·43	·	·	·	·	·	19
20	·48	·02	·05	·02	·17	·	·14	·09	·	·	·	·55	20
21	·12	·05	·	·05	·	·	·13	·	·	·	·	·17	21
22	·05	·	·04	·	·	·05	·05	·01	·	·	·	·42	22
23	·01	·02	·14	·	·	·	·04	·	·03	·42	·	·30	23
24	·	·	·10	·05	·	·	·03	·	·43	·16	·	·50	24
25	·	·	·	·	·	·20	·	·	·09	·	·	·24	25
26	·01	·52	·	·	·	·23	·26	·	·02	·	·	·50	26
27	·	·05	·	·	·	·04	·16	·	·	·39	·	·36	27
28	·	·36	·03	·	·04	·46	·06	·50	·	·11	·	·03	28
29	·		·	·	·12	·14	·	·01	·	·	·25	·15	29
30	·24	X	·	·17	·	·08	·	·05	·	·	·03	·04	30
31	·20	X	·	X	·	X	·01	·35	X	·06	X	·63	31
Total	7·30	7·69	2·31	2·33	2·19	1·41	5·48	5·26	1·12	1·70	2·27	8·58	YEAR'S TOTAL 47·64
Rain Days.	24	23	17	18	11	10	25	22	8	12	9	26	205

W. 8,000. X. 15.

3004

FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1916

Kept at Rawtenstall (Hapton) No 1 Resr.

in the County of Lancashire

by Woodhead Smith

Lat. — Long.

Time of Observation 9 am

Nearest Railway Station Rawtenstall

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 930 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·40	·	·13	·	·	·25	·62	·	·	·	·11	·	1
2	·16	·22	·14	·	·	·18	·	·	·20	·11	·05	·02	2
3	·02	·09	·02	·06	·	·05	·21	·	·84	·29	·30	·	3
4	·11	·23	·	·	·43	1·19	·	·	·13	·58	·34	·	4
5	·30	·48	·	·	·12	·15	·	·	·	·95	·63	·	5
6	1·25	·45	·03	·	·33	·21	·16	·	·	·26	·38	·06	6
7	·11	·08	·03	·	·35	·04	·06	·	·	·45	·11	·45	7
8	·02	·20	·04	·04	·04	·04	·03	·	·	·05	·40	·05	8
9	·11	·	·	·	·43	·38	·03	·	·06	·	·22	·20	9
10	·09	·08	·	·20	·	·42	·15	·	·	·55	·02	·10	10
11	·09	·60	·03	·45	·02	·04	·12	·	·14	·	·02	·10	11
12	·28	·30	·11	·20	·38	·	·68	·08	·06	·22	·04	·02	12
13	·	·16	·04	·39	·02	·	·	·53	·10	1·40	·	·24	13
14	·08	·15	·02	·15	·42	·	·	·34	·11	40	·	·	14
15	·04	·29	·35	·05	·	·	·09	·53	·16	·08	·	·	15
16	·02	·20	·60	·40	·	·	·29	·40	·02	·05	·	·	16
17	·13	·26	·	·83	·	·	·14	·41	·80	·14	·	·	17
18	·02	·64	·	·20	·	·	·	·61	·28	·28	·18	·14	18
19	·30	·03	·38	·36	·	·	·	·15	·03	·	·04	·	19
20	·42	·	·08	·24	·	·	·02	·02	·	·	·05	·09	20
21	·30	·	·	·	·05	·	·03	·	·	·	·	·	21
22	·	·04	·	·	·03	·10	·	·	·	·30	·	·05	22
23	·10	·93	·04	·21	·	·	·	·03	·	·03	·42	·23	23
24	·	·03	·03	·05	·	·	·	·39	·	·10	·	·10	24
25	·11	·06	·16	·	·16	·05	·	·49	·02	·	·61	·06	25
26	·09	·15	·15	·	·	·	·	·04	·	·08	·05	·	26
27	·	·15	·04	·	·	·05	·	·09	·02	·43	·	·03	27
28	·02	·06	·	·	·	·	·	·	·	1·21	·08	·40	28
29	·02	·10	·	·	·	·18	·03	·	·	·41	·	·90	29
30	·02	X	·	·	·	·05	·04	·	·	1·03	·03	·13	30
31	·	X	·	X	·12	X	·01	·10	X	·09	X	·68	31
Total	4·61	5·10	2·51	4·13	3·20	3·41	2·44	4·54	3·00	10·39	4·08	4·48	YEAR'S TOTAL 52·19
Rain Days.	26	25	19	15	14	16	14	15	15	24	20	20	226

W. 8,000, VIII. 16

2857

FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1917

Kept at Rawtenstall (Hapton) No. 1

in the County of Lancashire

by E Woodhead Smith.

Lat. Long.

Time of Observation 9 a.m.

Nearest Railway Station Rawtenstall

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 930 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·19	·	·	·18	·	·35	·	·08	·30		·23	·30	1
2	·97	·	·	·10	·	·32	·	·04	·03	·15	·04	·	2
3	·11	·26	·	·04	·	·33	·	·	·	·58	·06	·	3
4	·04	·08	·10	·	·	·	·	·	·	·56	·	·	4
5	·33	·	·06	·10	·	·	·	·	·02	·21	·50	·08	5
6	·05	·	·	·	·	·13	·	·	·	·38	·50	·18	6
7	·80	·	·03	·	·	·25	·	·	·	·97	·17	·12	7
8	·09	·	·	·35	·	·09	·	·24	·05	1·13	·25	·16	8
9	·	·	·04	·05	·	·	·	·18	·	·15	·62	·	9
10	·30	·	1·10	·15	·42	·	·	·12	·	·07	·	·	10
11	·11	·	·	·04	·02	·	·	·09	·	·46	·04	·	11
12	·02	·	·	·03	·40	·	·	·78	·	·50	·	·15	12
13	·10	·	·	·28	·14	·03	·	·03	·74	·05	·07	·50	13
14	·10	·	·	·20	·02	·	·	·63	·	·03	·03	·26	14
15	·02	·	·	·03	·	·	·38	·04	·31	·16	·	·30	15
16	·02	·09	·02	·33	·	·	·02	·30	·02	·02	·04	·23	16
17	·02	·17	·28	·23	·11	·	·21	1·96	·03	·25	·03	·05	17
18	·02	·	·08	·05	·04	·	·70	·20	·30	·36	·02	·	18
19	·04	·22	·48	·03	·55	·18	·	·13	·	·	·06	·04	19
20	·02	·21	·	·	·15	·72	·	·05	·15	·	·65	·	20
21	·	·03	·10	·	·08	·02	·	·22	·02	·08	·06	·	21
22	·	·	·03	·	·	·	·	·22	·31	·42	·22	·	22
23	·	·08	·	·	·15	·42	·	·49	·10	·22	·03	10	23
24	·	·03	·	·	·02	·06	·	·30	·	·93	·30	·06	24
25	·	·19	·05	·	·	·	·	·10	·	·61	·07	·	25
26	·	·02	·	·	·	·10	·	·56	·43	·21	1·28	·	26
27	·	·	·03	·	·18	·15	·32	·73	·	·15	·20	·06	27
28	·	·15	·33	·	·	·	·	·40	·	·14	·10	·	28
29	·		·18	·	·	·	·17	·22	·	·50	·14	·07	29
30	·12	×	·20	·	·	·	·	·14	·	·23	·13	·	30
31	·	×	·23	×	·08	×	·	·32	×	·	×	·03	31
Total	3·47	1·53	3·34	2·19	2·06	3·15	1·80	8·57	2·81	9·52	5·84	2·69	YEAR'S TOTAL 46·97
Rain Days.	20	12	17	16	14	14	6	26	14	27	26	17	209

REGISTER OF RAINFALL IN 1918.

FORM A. BRITISH RAINFALL.

9. 1.

Kept at Rawtenstall (Haslow Ros)
in the County of S Lancashire
by J Woodhead Smith

Lat. Long.
Time of Observation 9 am
Nearest Railway Station ~~[illegible]~~ Rawtenstall
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 930 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1. following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·	·24	·02	·04	·04	·	·	·	1·03	·26	·50	·41	1
2	·	·16	·02	·02	·	·	·	·02	·30	·11	·02	·62	2
3	·	·08	·03	·	·72	·	·	·02	·03	·80	·05	·06	3
4	·06	·03	·	·	·04	·	·	·22	·34	·21	·98	·21	4
5	·03	·03	·	·11	·22	·02	-	·56	·08	·76	·09	·02	5
6	·16	1·30	·07	·36	·	·52	·	·16	·02	·28	·	·06	6
7	·	·20	·	·25	·02	·	·	·06	·25	·14	·40	·	7
8	·14	·26	·07	·	·	·	·21	·04	1·40	·22	·15	·08	8
9	·25	·72	·	·03	·	·26	·04	·	·96	·85	·08	·08	9
10	·06	1·13	·	·	·	·	·10	·	·80	·15	·32	·03	10
11	·31	·25	·06	·09	·10	·	·02	·04	·36	·	·	·23	11
12	·06	·50	·	·07	·02	·	·20	·	·40	·10	·	·33	12
13	·20	·02	·	·04	·15	·03	-	·	·30	·06	·	·	13
14	·40	·	·	·	·	·21	·21	·02	·72	·19	·	·21	14
15	·09	·	·	·	·03	·08	·51	·	1·56	·	·	·85	15
16	·05	·	·	·	·	·26	·56	·18	·38	·04	·	·60	16
17	·25	·	·	·	·03	·05	·24	·15	·12	·32	·	·40	17
18	·43	·	·10	·	·	·06	·24	·05	·41	·	·	·76	18
19	·33	·10	·21	·08	·	·	·30	·47	1·00	·10	·	·60	19
20	·23	·60	·	·10	·17	·14	·31	·03	·38	·	·	·	20
21	·38	·56	·	·	·29	·15	·	·	·85	·03	·	·04	21
22	·15	·11	·	·	·38	·12	·32	·04	·11	·	·	1·00	22
23	·05	·	·	·	·12	·	·38	·	·09	·	·12	·12	23
24	·08	·21	·	·	·	·	·09	·08	·18	·10	·07	·25	24
25	·02	·	·	·	·09	·33	·19	·42	·22	·03	·03	·	25
26	·	·08	·	·	·	·	·06	·08	·60	·06	·29	·15	26
27	·	·17	·63	·	·	·15	·04	·60	·86	·07	·20	·85	27
28	·	·04	·40	·	·	·	·	·11	·14	·	·13	·80	28
29	·		·	·	·	·	·	·05	·03	-	·	·62	29
30	·	✕	·30	·	·	·	·	·30	-	·04	·24	·36	30
31	·	✕	·36	✕	·	✕	·	·30	✕	·02	✕	·	31
Total	3·73	6·79	2·27	1·19	2·42	2·38	4·02	4·00	13·92	4·94	3·67	9·74	YEAR'S TOTAL 59·07
Rain Days.	21	21	12	11	15	14	18	23	29	23	16	26	229

W. 6,500, VII. 18. w w c

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

8 JAN 20

REGISTER OF RAINFALL IN 1919.

Kept at Rawtenstall (Hapton No 1.)

in the County of Lancashire

by Woodhead Smith

Lat. Long.

Time of Observation 9am

Nearest Railway Station Rawtenstall

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 930 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.72	.	.11	[illegible]	.62	-	.25	.15	.45	.52	.06	.17	1
2	.23	.	.40	.02	.06	-	.15	.20	.09	.04	.05	.20	2
3	.91	.	-	[illegible]	.06	.09	.28	-	.05	-	.13	.42	3
4	.18	.	.31	[illegible]	.02	.02	.20	.22	.02	-	.02	.22	4
5	.07	.03	.	.05	.05	.	.	-	.02	-	.03	.31	5
6	.05	.	.62	.	.50	.	.	.	-	.04	.02	.20	6
7	.08	.	.48	.02	.06	.	.	.	.10	.	.11	-	7
8	.28	.	.03	.03	-	.08	.	.	.	.	.02	-	8
9	.56	.	.10	.03	.	.02	.	.	.	.	.02	.	9
10	-	.	.92	.20	.02	.	.	.	.	.	.06	.56	10
11	.04	.	.71	.19	.28	.	.12	.	.	.04	.	.05	11
12	.	.	.49	.10	.02	.15	.15	.	.12	.11	.18	.	12
13	.33	.	-	.40	.	.02	.05	.07	.	.48	.	.09	13
14	.35	.	-	(.30)	.	.	.	.09	.		.02	-	14
15	.50	.06	-	.07	.	.	.01	.14	.	.	.02	.63	15
16	.22	.11	.	.15	.	.05	.	-	.	.	.15	.03	16
17	.07	.03	.	.19	.05	.15	:	.48	.	.	1.05	.03	17
18	-	-	.29	.	.	-	.05	.26	.28	.	.06	.40	18
19	.05	.18	.70	.	.	.25	.28	.08	.09	.	.42	.09	19
20	.42	.05	.08	.	.	.27	.06	.06	.02	.	.26	.86	20
21	.05	.40	.	.	.	.17	.26	.02	.09	.	.06	.20	21
22	.	.16	.	.	.	.15	.	.23	.40	.	.32	.94	22
23	.	-	.	.	.02	.12	.	.02	-	.96	.10	.34	23
24	.	-	.	.19	.05	.03	.	.02	.49	.11	.23	.52	24
25	.21	.03	.	.30	.06	.09	.	.72	.35	.	.50	.	25
26	.21	.03	.70	.09	.	.09	.02	.85	.26	.	.27	.60	26
27	.27	.	.03	.19	.	-	.	.08	.	.	.05	.25	27
28	-	.	.	.12	.	.05	.	.85	.	.10	.	.44	28
29	.05		.	-	.	.03	.	.15	.02	.36	-	.22	29
30	.03		.09	.21	.	.15	.	.02	.	.11	.70	.45	30
31	-		.03		.		.28	-		.04		.05	31
TOTAL	5.88	1.08	6.09	2.85	1.87	1.92	2.16	4.71	2.85	2.91	4.91	8.27	YEAR'S TOTAL 45.50
Days with ·01 in. or more	23	10	17	19	14	19	14	20	16	12	26	25	215

(44,283). Wt.21,958—218. 7500. 10/19. **Gp.132.** A.&E.W.

Max Daily Fall 1·05 in on Nov 17

2585

9 JAN 1921

Form A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1920.

Kept at Rawtenstall (Hapton Res) No 1

in the County of Lancaster

by J. Woodhead Smith

Lat. .... Long. ....

Time of Observation 9 am

Nearest Railway Station Rawtenstall

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 930 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·13	·33	56	·04	·55	·13	·15	·08	14	·18	1
2	·02			·14	05		·12	·06	·45	·09	·12	·45	2
3	·04	·12	10	·19	14	·04	·36	·21	26	·29		·25	3
4	·03			·16	05		·20	1·44	·12	·72		·06	4
5		·02	·09		40		·30	·36	·28	·36		·03	5
6			·66	·19	34		·05	·03		·02	·10	·16	6
7	·16	·04	·14	·14	15		·55		·03		·04		7
8	·12	·05		·48	20		·08	·06	·06				8
9	·36	1·50	·05	·34			·12	·07			·04	·03	9
10	·97	·85	·09	·04			·43	·02				·04	10
11	·36	·08	·09	·07	25	·50	·04	·03	·02			·04	11
12	·26	28	·32	·47	11	·10	·32		·03		·26	·10	12
13	·36	·23	·24	·12	04	·65	·11		·03		·30	06	13
14	·05	19	·13	·35		·44	·07		·29	·11	·83		14
15	·03	·26	·02	·50					·03	·09	·15		15
16			·20	·10	15		·81		·21		·17		16
17	·10		·07		21		·03	·50	·19	·02	·02		17
18	·20			·20	85		·02		·11	·02			18
19	·05	·50		·17	40	·14	·05	·20	·02				19
20	·17	·02	·02	·27		·05	·26		·10			·15	20
21	·06						·40	·06	·02	·03		·26	21
22	·22			·35		·10	·35	·03				·10	22
23	02		·02	·13			·55	·03				·36	23
24	·06		·90	·11			·29	·02				·20	24
25	·02	·15	·11	·34		·05	·80	·02	·02				25
26	·15	15	·42	·44	80		·05				·05	·05	26
27	25	·02	·25	·20	30	·53	·05				·15	·07	27
28	·36	·03	·25	·43	03	·06	·10		·02		·05	·23	28
29	14		·36	·15	93	·03	·32				·25	·63	29
30	·34		·02	·06	07	·10			·31		·28	·48	30
31	·25				14		·05			·14		·15	31
Total	5·15	4·52	4·68	6·50	6·50	2·83	7·43	3·24	2·45	2·00	2·98	4·08	Year's Total 52·99
Days with ·01 in. or more	24	17	23	24	21	14	29	17	21	12	16	22	246
Days with ·04 in. or more	22	13	19	24	20	13	24	10	12	8	15	20	206

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A & E.W.

LANCASHIRE

RAWTENSTALL - NAPTON. RES
No 2

1911 - 1920

RE … 1911

FORM A2.
BRITISH RAINFALL.
6 JAN 1912

Kept at Rawtens…
…top 8 in.
…above Ground 1 ft. - in.
in the County of Lan…
„ Sea Level 930 ft.
9 a.m.
by J. Woodhe…
…tion { Name Rawtenstall
Distance … Direction …

IMPORTANT NOT… …, and the result entered to the previous day. If an Ob… … universal rule, he is earnestly requested to add the rea… …ing year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·	·	0·52	·	0·03	·	0·21	0·01	·	·	0·37	0·07	1
2	0·10	·	0·29	·	0·32	·	0·09	0·06	·	0·11	0·15	0·15	2
3	·	·	0·26	·	0·85	·	0·01	·	0·01	0·02	0·94	0·05	3
4	0·02	·	0·10	0·02	·	·	0·04	0·32	0·16	0·03	0·73	0·48	4
5	0·09	·	0·09	·	0·04	·	·	0·61	·	0·02	0·36	0·15	5
6	0·35	·	0·09	0·05	·	·	·	0·57	·	0·19	0·41	0·43	6
7	0·07	·	·	0·01	·	·	·	·	·	0·15	0·21	0·02	7
8	0·19	·	0·40	·	·	·	·	·	·	0·02	0·06	1·23	8
9	0·06	·	·	·	·	·	·	·	·	·	0·02	0·49	9
10	0·29	0·01	0·10	·	·	·	·	·	0·01	·	·	0·83	10
11	0·18	·	0·03	·	·	·	·	·	0·01	·	0·72	0·16	11
12	0·01	0·02	0·28	·	0·06	·	·	·	1·30	·	0·52	0·01	12
13	0·01	0·02	0·01	·	1·04	·	·	·	·	·	0·15	0·58	13
14	0·08	0·64	0·02	·	1·97	·	·	·	·	·	0·08	0·59	14
15	0·01	0·31	0·08	0·07	·	·	·	·	·	0·04	0·35	0·40	15
16	·	0·94	0·09	0·13	·	0·10	0·08	·	·	0·03	0·16	0·37	16
17	0·08	0·03	0·03	·	0·12	2·09	0·02	·	·	·	0·41	0·15	17
18	·	0·48	0·04	0·02	·	0·11	0·01	0·01	·	0·03	0·11	0·27	18
19	·	0·15	·	0·15	·	0·03	0·08	·	0·65	0·42	0·10	0·36	19
20	·	0·15	·	0·35	·	0·02	0·15	0·52	0·12	0·06	·	0·40	20
21	0·02	0·80	0·05	0·08	·	0·01	0·03	0·07	·	0·31	·	0·38	21
22	0·10	0·15	·	0·04	·	0·07	0·01	0·03	·	0·27	0·07	0·02	22
23	0·02	0·41	0·03	0·03	0·30	0·50	·	·	0·19	0·23	·	0·36	23
24	0·24	0·24	0·02	0·19	·	1·72	0·02	0·10	·	0·30	·	0·23	24
25	0·02	0·47	0·01	0·43	·	0·07	·	0·02	0·72	0·13	·	0·41	25
26	0·03	0·03	·	0·37	0·02	0·08	0·01	0·17	·	0·53	0·20	0·36	26
27	0·04	0·39	0·02	0·43	·	0·03	·	0·55	0·57	·	0·02	0·12	27
28	·	0·38	·	0·40	·	0·15	·	0·01	0·14	·	·	0·52	28
29	·		0·02	0·70	·	0·51	·	·	0·45	0·71	0·01	0·14	29
30	·		·	0·03	0·10	0·59	·	·	0·02	0·70	0·03	·	30
31	·		0·05		·		0·01	·		0·20		0·08	31
Total	2·01	5·62	2·63	3·50	4·83	6·08	0·77	3·05	4·35	4·50	6·18	9·81	TOTAL for year 53·33
No. of Rain Days.	21	18	23	18	11	15	14	14	13	21	23	30	221

5333

W. 8,000, X. '11.

FORM A2.

BRITISH RAINFALL.
6 JAN 1912

REGISTER OF RAINFALL IN 1911

Kept at Rawtenstall (Hapton Rd)
No 2
in the County of Lancashire 53
by J Woodhead Smith

RAIN GAUGE
Pattern
Diameter of top 8 in.
Height of top above Ground 1 ft. - in.
" " " Sea Level 930 ft.

Time of Observation 9 am

Nearest Railway Station
Name Rawtenstall
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·	·	0·52	·	0·03	·	0·21	0·01	·	·	0·37	0·07	1
2	0·10	·	0·29	·	0·32	·	0·09	0·06	·	0·11	0·15	0·15	2
3	·	·	0·26	·	0·85	·	0·01	·	0·01	0·02	0·94	0·05	3
4	0·02	·	0·10	0·02	·	·	0·04	0·32	0·16	0·03	0·73	0·48	4
5	0·09	·	0·09	·	0·04	·	·	0·61	·	0·02	0·36	0·15	5
6	0·35	·	0·09	0·05	·	·	·	0·57	·	0·19	0·41	0·43	6
7	0·07	·	·	0·01	·	·	·	·	·	0·15	0·21	0·02	7
8	0·19	·	0·40	·	·	·	·	·	·	0·02	0·06	1·23	8
9	0·06	·	·	·	·	·	·	·	·	·	0·02	0·49	9
10	0·29	0·01	0·10	·	·	·	·	·	0·01	·	·	0·83	10
11	0·18	·	0·03	·	·	·	·	·	0·01	·	0·72	0·16	11
12	0·01	0·02	0·28	·	0·06	·	·	·	1·30	·	0·52	0·01	12
13	0·01	0·02	0·01	·	1·04	·	·	·	·	·	0·15	0·58	13
14	0·08	0·64	0·02	·	1·97	·	·	·	·	·	0·08	0·59	14
15	0·01	0·31	0·08	0·07	·	·	·	·	·	0·04	0·35	0·40	15
16	·	0·94	0·09	0·13	·	0·10	0·08	·	·	0·03	0·16	0·37	16
17	0·08	0·03	0·03	·	0·12	2·09	0·02	·	·	·	0·41	0·15	17
18	·	0·48	0·04	0·02	·	0·11	0·01	0·01	·	0·03	0·11	0·27	18
19	·	0·15	·	0·15	·	0·03	0·08	·	0·65	0·42	0·10	0·36	19
20	·	0·15	·	0·35	·	0·02	0·15	0·52	0·12	0·06	·	0·40	20
21	0·02	0·80	0·05	0·08	·	0·01	0·03	0·07	·	0·31	·	0·38	21
22	0·10	0·15	·	0·04	·	0·07	0·01	0·03	·	0·27	0·07	0·02	22
23	0·02	0·41	0·03	0·03	0·30	0·50	·	·	0·19	0·23	·	0·36	23
24	0·24	0·24	0·02	0·19	·	1·72	0·02	0·10	·	0·30	·	0·23	24
25	0·02	0·47	0·01	0·43	·	0·07	·	0·02	0·72	0·13	·	0·41	25
26	0·03	0·03	·	0·37	0·02	0·08	0·01	0·17	·	0·53	0·20	0·36	26
27	0·04	0·39	0·02	0·43	·	0·03	·	0·55	0·57	·	0·02	0·12	27
28	·	0·38	·	0·40	·	0·15	·	0·01	0·14	·	·	0·52	28
29	·		0·02	0·70	·	0·51	·	·	0·45	0·41	0·01	0·14	29
30	·		·	0·03	0·10	0·59	·	·	0·02	0·70	0·03	·	30
31	·		0·05		·		0·01	·		0·20		0·08	31
Total	2·01	5·62	2·63	3·50	4·83	6·08	0·77	3·05	4·35	4·50	6·18	9·81	TOTAL for year 53·33
No. of Rain Days.	21	18	23	18	11	15	14	14	13	21	23	30	221

W. 8,000, X. '11.

No. 2 Gauge

Cd. 14.III.13

FORM A. BRITISH RAINFALL.

10 JAN 1913

REGISTER OF RAINFALL IN 1912

Kept at Hapton Rawtenstall

in the County of ~~Rawtenstall~~ Lancashire

by J. Woodhead Smith

S3

Lat. Long.

Time of Observation 9 am

Nearest Railway Station Cloughfold

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 930 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·01	·	·39	·	·	·09	·25	·27	·34	·	·03	·91	1
2	·03	·04	·22	·08	·24	·14	·31	·01	·10	·	·02	·24	2
3	·67	·	·26	·	·	·47	·	·47	·71	·	·03	·12	3
4	·46	·02	·91	·47	·08	·77	·	·97	·03	·	·59	·02	4
5	·34	·01	·13	·01	·36	·34	·	·23	·26	·03	·07	·03	5
6	·30	·16	·	·02	·08	·03	·	·50	·01	·02	·03	·02	6
7	·	·15	·02	·08	·17	·04	·11	·06	·31	·	·10	·05	7
8	·44	·45	·25	·13	·06	·06	·10	·08	·15	·	·23	·01	8
9	·29	·06	·27	·38	·	·29	·01	·06	·	·	·10	·28	9
10	·24	·05	·	·01	·	·16	·07	·25	·01	·	·78	·02	10
11	·15	·04	·	·	·02	·	·07	·04	·	·	·01	·89	11
12	·11	·08	·33	·	·	·37	·	·	·	·	·	·15	12
13	·02	·01	·02	·	·	·03	·	·57	·02	·27	·03	·52	13
14	·30	·	·88	·	·01	·21	·	·23	·02	·03	·	·47	14
15	·21	·08	·25	·	·46	·15	·	·14	·	·	·	·26	15
16	1·14	·02	·23	·	·18	·23	·	·12	·02	·26	·06	·17	16
17	·04	·21	·29	·	·06	·98	·	·46	·	·02	·19	·51	17
18	·08	·02	·07	·	·	·14	·	·15	·	·56	·05	·26	18
19	·04	·08	·34	·	·	·04	·07	·70	·	·70	·22	·01	19
20	·16	·	·05	·	·29	·06	·03	·20	·	·42	·05	·24	20
21	·02	·	·35	·	·01	·01	·02	·18	·	·33	·02	·17	21
22	·	·20	·	·	·31	·08	·16	·51	·	·02	·02	·07	22
23	·	·02	·21	·	·	·05	·75	1·14	·	·01	·47	·12	23
24	·	·04	·		·04	·19	·02	·07	·	·01	·09	·06	24
25	·	·02	·03	·	·	·45	·11	·01	·	·02	·84	·18	25
26	·	·21	·28	·	·	·04	·29	·28	·	1·94	·35	·16	26
27	·	·12	·76	·	·	·87	·61	·	·	·44	·04	·16	27
28	·	·05	·02	·	·	·20	·81	·66	·05	·61	·15	·05	28
29	·	·04	·03	·	·	·15	·71	·07	·30	·24	·03	·15	29
30	·		·36	·	·01	·19	·35	·03	·02	·15	·	·01	30
31	·		·23		·34		1·09	·46		·		·07	31
Total	5·08	2·18	7·18	1·18	2·72	683 6·83	5·94	8·92	2·35	6·08	4·60	6·38	Year's Total 59·44 59·43 4+
Rain Days.	20	24	26	8	17	29	20	29	15	19	26	31	264

W. 7,500, XI. ·12

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cndly no 1. 3.iv.14

REGISTER OF RAINFALL IN 1913.

FORM A. BRITISH RAINFALL. 15 JAN 1914

Kept at Rawtenstall (Hapton) No 2

in the County of Lancaster

by J Woodhead Smith

W R 53

Lat. ……… Long. ………

Time of Observation 9 am

Nearest Railway Station Rawtenstall

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 930 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·09	·02	·30	·14							·14		1
2	·03	·19	·35	·03		·21					·34	·14	2
3	·12	·14	·40		·64		·01		·01	·04	·04	·84	3
4	·53	·25	·04		·02	·02	·04		·01	·01	·18	·64	4
5	·36	·13	·30		·03	·22	·19				·04	·01	5
6	·08	·35	·36		·40	·19	·29			·04	·10	·03	6
7		·64	·09		·35	·31	·08			·54	·02	·04	7
8		·24	·04		·06	·04		·29	·02	·05	·14	·05	8
9	·01	·14	·46		·0~~4~~7	·42	·02	·04			·10	·24	9
10	·02	·03	·35	·02	·21	·03	·05		·10	·05	·09	·02	10
11	·12	·03	·01	·42	·01	·14				·04	·20	·12	11
12	·11		·01		·02		·04		·24	·01	·55	·05	12
13	·03		·45	·03		·01	·05	·09	·33	·05	·14		13
14	·14	·03	·36	·16			·01		·08	·36	·22	·10	14
15	·15	·02	·60	1·32			·02	·20	·04	·04	·84	·06	15
16	·02		·05	·10			·04	·01		·01	·51	·05	16
17		·01	·03	·20	·23	·04	·33		·08		·20	·01	17
18	·16		·53	·43	·25	·05	·09				·44		18
19	·24		·06	·21	·20	·30	·02		·09	·20	·30		19
20	·18		·12	·04	·06		·01			·26	1·30		20
21			·20		·08		·16	·14		·01	·09		21
22	·50		·43		·16			·80	·16	·01	·02		22
23	·54		·09		·94	·48		·59	·16		·23	·24	23
24	·48	·05	·01	·20	·15	·20		·16			·05	·11	24
25	·02		·01	·10					·52	·04	·08	·25	25
26		·04	·05	1·26		·04			·18	·04	·01	·41	26
27		·02	·02	·48		·04				·40	·04	·10	27
28	·20	·02	·33	·48	·02	·03				·04	·06	·01	28
29			·31	·92	·06			·14		·06	·28	·02	29
30	1·08		·03							·45	·11	·01	30
31	·16		·23		·39							·01	31
Total	5·46 √	2·44 √	4·15 √	6·84	4·41 √	3·16 √	1·45	2·52 √	2·02 √	2·84	6·98 √	3·95	YEAR'S TOTAL 49·58 √
Rain Days.	24	18	31	18	21	18	14	10	14	22	30	24	244

W.7,000, XI. 13

Referred 12.IV.15

entd by obs. 14.IV.15 ~~H.~~ M.G.

REGISTER OF RAINFALL IN 1914

FORM A. BRITISH RAINFALL. 13 JAN 1915

Kept at Rawtenstall (Hapton Resr.) No. 2

in the County of Lancashire 5 3

by J. Woodhead Smith

Lat. Long.

Time of Observation 9 am

Nearest Railway Station Burnley

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 930 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·02	·02	·15	·01	·	·04	1·73	·16	·	·06	·01	·35	1
2	·05	·01	·04	·03	·	·	·38	·91	·	·30	·44	·19	2
3	·24	·	·41	·03	·66	·	·06	·12	·	·03	·04	·99	3
4	·39	·	·51	·36	·23	·	·	·07	·	·	·09	·44	4
5	·04	·	·62	·32	·11	·34	·	·02	·	·	·44	·63	5
6	·01	·09	·07	·30	·16	·14	·04	·26	·	·	·47	·11	6
7	·07	·14	·27	·08	·41	·07	·	·07	·	·	·09	·35	7
8	1·63	·07	·14	·09	·36	·25	·02	·52	·27	·04	·08	·14	8
9	·54	·26	·01	·27	·05	·87	·	·27	·	·	·31	·02	9
10	·04	·39	·01	·07	·06	·	·	·	·17	·	·30	·	10
11	·	·12	·39	·01	·06	·	·08	·	·44	·	1·99	·28	11
12	·	·39	·14	·	·16	·	·	·	·90	·	·66	·14	12
13	·	·53	·24	·05	·05	·	·19	·	·17	·09	·34	·16	13
14	·03	·49	·16	·	·	·	·01	·	·20	·	·27	·27	14
15	·01	·03	·35	·	·	·	·	·	·15	·	·18	·02	15
16	·	·07	·05	·	·	·	1·31	·	·89	·	·03	·05	16
17	·08	·58	·13	·	·	·	·23	·	·77	·	·	1·51	17
18	·	·19	·28	·	·	·10	·02	·	·02	·02	·	·09	18
19	·	·06	·14	·	·	·	·20	·	·11	·	·	·30	19
20	·	·24	·11	·	·	·	·	·	·	·02	·	·03	20
21	·	·24	·06	·	·	·17	·01	·05	·	·08	·04	·04	21
22	·	·41	·08	·	·09	·47	·	·12	·	·05	·02	·03	22
23	·	·08	·14	·18	·22	·12	·17	·	·	·	·	·	23
24	·10	·	·75	·13	·	·08	·85	·51	·	·02	·37	·	24
25	·13	·	·02	·	·	·	·36	·33	·	1·29	·10	·76	25
26	·04	·	·03	·	·	·	·11	·02	·03	·40	·84	·49	26
27	·13	·	·	·	·	·02	·	·	·03	·57	·52	1·10	27
28	·10	·24	·16	·	·03	·07	·16	·	·05	·05	·49	·04	28
29	·14		·17	·	·10	·01	·	·06	·	·16	·43	·05	29
30	·	✕	·52	·	·01	·	·	·17	·	·03	·36	·48	30
31	·85	✕	·33	✕	·03	✕	·58	·	✕	·10	✕	·02	31
Total	4·74 4·64	4·65	6·48	1·93	2·79	2·75	6·51	3·66	4·20	3·31	8·91	9·08	YEAR'S TOTAL 58·89
Rain Days.	20	21	30	14	17	14	19	16	14	17	25	28	235

58·91

W. 8,000. X. 14.

3088

FORM A.
BRITISH RAINFALL.

15 JAN 1916

REGISTER OF RAINFALL IN 1915

Kept at Rawtenstall W (Hapton Res) No 2
in the County of Lancashire S
by J Woodhead Smith

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Rawtenstall
Diameter of Funnel of Rain Gauge ~~4~~ 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 930 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·17	·47	·04	·	·32	·	·21	·29	·24	·	·02	·04	1
2	·02	·66	·40	·	·	·07	·43	·45	·	·02	·	·02	2
3	·72	·02	·27	·	·	·	·28	·05	·		·	·45	3
4	·03	·48	·03	·	·11	·11	·29	·	·	·	·	·45	4
5	·21	·59	·46	·	·02	·03	·	·02	·	·	·	1·13	5
6	·34	·23	·08	·77	·	·	·61	·06	·	·	·03	·52	6
7	·87	·94	·	·25	·	·	·43	·75	·	·	·	·45	7
8	·49	·17	·	·27	·	·	·	·09	·	·	·78	·	8
9	·01	·10	·	·12	·	·	·05	·06	·	·09	·29	·36	9
10	·71	·	·17	·02	·	·	·08	·12	·	·02	·	·56	10
11	·29	·02	·02	·01	1·10	·	·09	·52	·	·	·12	·38	11
12	·38	·04	·02	·18	·05	·	·14	·15	·	·34	·38	·	12
13	·38	·36	·02	·03	·	·	·09	·11	·03	·02	·	·06	13
14	·18	·01	·	·14	·	·	·43	·39	·16	·03	·	·21	14
15	1·16	·	·	·04	·	·	·16	·02	·05	·	·46	·42	15
16	·	1·31	·	·09	·16	·	·85	1·07	·	·	·	·	16
17	·	·53	·	·02	·02	·	·04	·	·	·	·	·09	17
18	·04	·51	·21	·02	·	·	·	·01	·	·02	·	·	18
19	·04	·31	·21	·13	·17	·	·39	·	·	·		·	19
20	·46	·02	·05	·02	·20	·	·15	·09	·	·	·	·48	20
21	·12	·05	·	·05	·	·	·13	·	·	·	·	·15	21
22	·05	·	·04	·	·	·05	·05	·01	·	·	·	·35	22
23	·01	·02	·15	·	·	·	·04	·	·03	·44	·	·25	23
24	·	·	·10	·05	·	·	·03	·	·45	·18	·	·55	24
25	·	·	·	·	·	·20	·	·	·10	·	·	·25	25
26	·01	·54	·	·	·	·22	·24	·	·02	·	·	·55	26
27	·	·05	·	·	·	·04	·15	·	·	·46	·	·38	27
28	·	·38	·03	·	·04	·44	·06	·65	·	·10	·	·03	28
29	·		·	·	·12	·14	·	·01	·	·	·25	·13	29
30	·24		·	·18	·	·08	·	·05	·	·	·03	·04	30
31	·21		·		·		·01	·35		·06		·70	31
Total	7·14	7·75	2·30	2·39	2·31	1·38	5·43	5·31	1·08	1·78	2·36	9·00	YEAR'S TOTAL 48·23
Rain Days.	24	23	17	18	11	10	25	22	8	12	9	26	205

W. 8,000. X. 15.

3005

~~3~~927

BRITISH RAINFALL FORM A.

1 JAN 1917

REGISTER OF RAINFALL IN 1916

Kept at Rawtenstall (Hapton) No. 2. (Resr.)

in the County of Lancashire

by Woodhead Smith

Lat. - Long. -

Time of Observation 9 am.

Nearest Railway Station Rawtenstall

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 930 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.46	.	.12	.	.	.28	.58	.	.	.	.12	.	1
2	.18	.20	.12	.	.	.18	.	.	.21	.11	.05	.02	2
3	.02	.11	.02	.06	.	.05	.23	.	.90	.33	.33	.	3
4	.13	.23	.	.	.48	1.23	.	.	.15	.61	.38	.	4
5	.28	.50	.	.	.12	.15	.	.	.	1.03	.64	.	5
6	1.28	.43	.03	.	.35	.22	.16	.	.	.28	.41	.04	6
7	.12	.08	.03	.	.38	.04	.05	.	.	.48	.12	.43	7
8	.02	.20	.09	.04	.04	.04	.03	.	.	.05	.44	.08	8
9	.11	.	.	.	.48	.36	.02	.	.06	.	.23	.34	9
10	.11	.08		.23	.	.49	.19	.	.	.58	.02	.11	10
11	.09	.60	.03	.83	.02	.04	.13	.	.14	.	.02	.10	11
12	.33	.30	.15	.23	.43	.	.44	.08	.06	.22	.04	.02	12
13	.	.18	.04	.38	.02	.	.	.48	.10	1.49	.	.24	13
14	.08	.18	.02	.14	.68	.	.	.34	.10	.43	.	.	14
15	.04	.25	.41	.05	.	.	.11	.56	.14	.08	.	.	15
16	.03	.22	.54	.46	.	.	.33	(.69)	.02	.05	.	.	16
17	.18	.23	.	.90	.	.	.18	.45	.89	.16	.	.	17
18	.02	.58	.	.21	.	.	.	.40	.26	.26	.21	.15	18
19	.35	.03	.36	.41	.	.	.	.15	.03	.	.04	.	19
20	.48	.	.08	.28	.	.	.02	.02	.	.	.06	.09	20
21	.38	.	.	.	.05	.	.03	.	.	.	.	.	21
22	.	.04	.	.	.03	.10	.	.	.	.29	.	.05	22
23	.10	.03	.04	.23	.	.	.	.03	.	.03	.40	.26	23
24	.	.03	.03	.05	.	.	.	.40	.	.10	.	.10	24
25	.12	.06	.19	.	.16	.05	.	.52	.02	.	.66	.06	25
26	.09	.12	.15	.	.	.	.	.05	.	.09	.05	.	26
27	.	.14	.04	.	.	.05	.	.09	.02	.49	.	.03	27
28	.02	.06	.	.	.	.	.	.	.	1.29	.06	.46	28
29	.02	.10	.	.	.	.20	.03	.	.	.44	.	.86	29
30	.02	X	.	.	.	.05	.05	.	.	1.11	.03	.14	30
31		X	.	X	.10	X	.01	.10	X	.09	X	.43	31
Total	5.06	5.01	2.58	4.53	3.34	3.56	2.92	4.66	3.13	11.02	4.34	4.64	YEAR'S TOTAL. 54.82
Rain Days.	26	25	19	15	14	16	14	15	15	24	20	20	226

W. 8,000, VIII. 16

2858

2927

FORM A. BRITISH RAINFALL.

10 JAN 1918

REGISTER OF RAINFALL IN 1917

Kept at Rawtenstall (Hapton) No 2

in the County of Lancashire

by J Woodhead Smith

Lat. Long.

Time of Observation 9 a.m.

Nearest Railway Station Rawtenstall

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 930. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·17	·	·	·21		·38	·	·08	·32	·	·23	·33	1
2	·98	·	·	·10	·	·30	·	·04	·03	·15	·04	·	2
3	·11	·23	·	·04	·	·35	·	·	·	·56	·06	·	3
4	·04	·08	·10	·	·	·	·	·	·	·58	·	·	4
5	·35	·	·06	·11	·	·	·	·	·02	·20	·53	·08	5
6	·05	·	·	·	·	·13	·	·	·	·41	·52	·20	6
7	·86	·	·03	·	·	·25	·	·	·	1·03	·15	·13	7
8	·07	·	·	·35	·	·09	·	·26	·05	1·17	·28	·18	8
9	·	·	·04	·05	·	·	·	·18	·	·16	·65	·	9
10	·33	·	1·19	·20	·12	·	·	·13	·	·07	·	·	10
11	·11	·	·	·04	·02	·	·	·09	·	·44	·04	·	11
12	·02	·	·	·03	·42	·	·	·75	·	·52	·	·15	12
13	·10	·	·	·30	·12	·03	·	·03	·78	·05	·07	·53	13
14	·10	·	·	·18	·02	·	·	·65	·	·03	·03	·28	14
15	·02	·	·	·03	·	·	·36	·04	·33	·16	·	·28	15
16	·02	·09	·02	·28	·	·	·02	·33	·02	·02	·04	·28	16
17	·02	·17	·29	·25	·11	·	·23	1·88	·03	·27	·03	·05	17
18	·02	·	·08	·05	·04	·	·75	·22	·30	·38	·02	·	18
19	·04	·24	·52	·03	·59	·18	·	·13	·	·	·06	·04	19
20	·02	·24	·	·	·15	·73	·	·05	·14	·	·68	·	20
21	·	·03	·10	·	·08	·02	·	·22	·02	·08	·06	·	21
22	·	·	·03	·	·	·	·	·22	·33	·44	·24	·	22
23	·	·08	·	·	·15	·48	·	·52	·10	·23	·03	·10	23
24	·	·03	·	·	·02	·06	·	·32	·	·98	·33	·06	24
25	·	·21	·05	·	·	·	·	·10	·	·63	·07	·	25
26	·	·02	·	·	·	·10	·	·53	·45	·20	1·33	·	26
27	·	·	·03	·	·20	·15	·34	·76	·	·15	·22	·06	27
28	·	·13	·36	·	·	·	·	·38	·	·14	·10	·	28
29	·		·16	·	·	·	·18	·22	·	·53	·15	·07	29
30	·12	✕	·20	·	·	·	·	·14	·	·22	·12	·	30
31	·	✕	·26	✕	·08	✕	·	·35	✕	·	✕	·03	31
Total	3·55	1·55	3·52	2·25	2·12	3·25	1·88	8·62	2·92	9·80	6·08	2·85	YEAR'S TOTAL 48·39
Rain Days.	20	12	17	16	14	14	6	26	14	27	26	17	209

W. 8,000, IX. 17.

Jan Feb

96

2927

FORM A. BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1918.

Kept at Rawtenstall (Haplon No 2)

in the County of S Lancashire

by J Woodhead Smith

Lat. Long.

Time of Observation 9 a.m

Nearest Railway Station Rawtenstall

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 930 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Director, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1. following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.	·25	·02	·04	·04	.	.	.	1·08	·28	·53	·43	1
2	.	·17	·02	·02	.	.	.	·02	·31	·11	·02	·64	2
3	.	·08	·03	.	·74	.	.	·02	·03	·83	·05	·06	3
4	·06	·03	.	.	·04	.	.	·23	·36	·23	1·03	·21	4
5	·03	·03	.	·11	·24	·02	.	·58	·08	·78	·09	·02	5
6	·17	1·35	·07	·38	.	·50	.	·16	·02	·27	.	·06	6
7	.	·23	.	·26	·02	.	.	·06	·27	·15	·43	.	7
8	·16	·26	·07	.	.	.	·22	·04	1·43	·24	·15	·08	8
9	·28	·74	.	·03	.	·27	·04	.	1·01	·88	·08	·08	9
10	·06	1·17	.	.	.	.	·10	.	·86	·15	·33	·03	10
11	·33	·23	·06	·09	·10	.	·02	·04	·36	.	.	·25	11
12	·06	·50	.	·07	·02	.	·23	.	·43	·10	.	·35	12
13	·23	·02	.	·04	·15	·03	.	.	·33	·06	.	.	13
14	·38	.	.	.	.	·21	·23	·02	·75	·21	.	·23	14
15	·09	.	.	.	·03	·08	·53	.	1·57	.	.	·89	15
16	·05	.	.	.	.	·28	·58	·19	·41	·04	.	·63	16
17	·27	.	.	.	·03	·05	·25	·15	·13	·35	.	·43	17
18	·48	.	·10	.	.	·06	·24	·05	·43	.	.	·78	18
19	·33	·10	·23	·08	.	.	·33	·50	1·03	·10	.	·63	19
20	·22	·62	.	·10	·18	·15	·33	·03	·40	.	.	.	20
21	·39	·58	.	.	·33	·17	.	.	·90	·03	.	·04	21
22	·15	·11	.	.	·42	·12	·30	·04	·13	.	.	1·07	22
23	·05	.	.	.	·12	.	·39	.	·09	.	·12	·12	23
24	·08	·20	.	.	.	.	·09	·08	·18	·10	·07	·26	24
25	·02	.	.	.	·09	·35	·19	·42	·23	·03	·03	.	25
26	.	·08	.	.	.	.	·06	·08	·65	·06	·29	·15	26
27	.	·18	·67	.	.	·15	·04	·63	·92	·07	·20	·88	27
28	.	·04	·40	.	.	.	.	·12	·15	.	·14	·86	28
29	.		.	.	.	.		·05	·03	.	.	·68	29
30	.		·31	.	.	.	.	·33	.	·04	·25	·38	30
31	.		·37		.		.	·34		·02		.	31
Total	3·89	6·97	2·35	1·22	2·55	2·44	4·17	4·18	14·57	5·13	3·81	10·24	YEAR'S TOTAL 61·52
Rain Days.	21	21	12	11	15	14	18	23	29	23	16	26	229

W. 6,500, VII. 18. w w c

2700
Exd.
8 JAN 20

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1919.

Kept at Rawtenstall (Hapton no. 2)
in the County of Lancashire
by J Boothead Smith

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Rawtenstall
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft 0 in.
„ „ „ „ Sea Level 920 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.75	.	.11	-	.65	.	.28	.16	.48	.55	.06	.14	1
2	.23	.	.43	.02	.06	-	.15	.23	.09	.04	.05	.23	2
3	.99	.	-	.	.06	.09	.31	-	.05	-	.14	.46	3
4	.23	.	.33	.	.02	.02	.23	.23	.02	-	.02	.25	4
5	.07	.03	-	.05	.05	.	.	.	.02	-	.03	.33	5
6	.05	.	.59	-	.54	-	.	.	.12	.04	.02	.21	6
7	.08	-	.52	.02	.06	-	-	.	.10	-	.11	-	7
8	.32	-	.03	.03	-	.08	.	.	-	-	.02	-	8
9	.59	.	.10	.03	-	.02	.	.	-	.	.02	-	9
10	-	-	.98	.22	.02	-	.	.	-	.	.06	.59	10
11	.04	.	.76	.19	.26	.	.12	.	-	.04	-	.05	11
12	-	-	.47	.10	.02	.16	.17	.	.12	.12	.19	-	12
13	.36	.	-	.43	-	.02	.05	.07	-	.51	-	.09	13
14	.38	.	-	.30	-	.	-	.09	-	-	.02	-	14
15	.53	.06	-	.07	-	.	.01	.15	-	.	.02	.68	15
16	.23	.11	-	.15	-	.05	-	-	-	-	.14	.03	16
17	.07	.03	-	.22	.05	.17	-	.52	.	.	1.08	.03	17
18	-	-	.32	-	-	-	.05	.27	.31	-	.06	.46	18
19	.05	.18	.76	.	.	.27	.29	.08	.09	-	.45	.09	19
20	.44	.05	.08	.	.	.29	.06	.06	.02	.	.28	.92	20
21	.05	.46	.	.	.	.11	.29	.02	.09	-	.06	.22	21
22	.	.18	.	-	.	.16	-	.26	.43	-	.34	1.01	22
23	.	-	.	-	.02	.12	-	.02	-	.99	.10	.36	23
24	.	-	.	.19	.05	.03	-	.02	.53	.11	.26	.55	24
25	.22	.03	.	.33	.06	.10	.	.75	.36	-	.53	-	25
26	.25	.03	.73	.09	-	.09	.02	.91	.28	-	.29	.63	26
27	.30	-	.03	.18	-	-	-	.08	-	-	.05	.26	27
28	.	-	.	.12	-	.05	-	.88	-	.10	-	.46	28
29	.05		.	-	-	.03	-	.17	.02	.38	-	.22	29
30	.03		.09	.23	-	.16	-	.02	-	.11	.76	.48	30
31	-		.03		.		.31	-		.04		.05	31
TOTAL	6.31	1.16	6.36	2.97	1.92	2.02	2.34	4.99	3.01	3.03	5.16	8.83	YEAR'S TOTAL 48.10
Days with ·01 in. or more	23	10	17	19	14	19	14	20	16	12	26	25	215

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

max Daily Fall 1.08 in on Nov 17.

2586

2927

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Rawtenstall (Hapton Res) No 2

in the County of Lancaster

by J Woodhead Smith

Lat. Long.

Time of Observation 9 a.m.

Nearest Railway Station Rawtenstall

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " Sea Level 930 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·13	·34	·59	·04	·58	·14	·15	·08	·14	·18	1
2	·02			·15	·05		·13	·04	·48	·09	·12	·49	2
3	·04	·12	·10	·21	·15	·04	·38	·22	·26	·24		·24	3
4	·03			·14	·05		21	1·62	·12	·45		·06	4
5		·02	·10		·74		·33	·34	·29	·39		·03	5
6			·69	·19	·34		·05	·03		(·02)	·10	·18	6
7	·14	·04	16	·15	·16		·59		·03		·04		7
8	·14	·06		·52	·22		·08	·06	·06				8
9	·34	1·63	·05	·39			·13	·04			·04	·03	9
10	1·03	·81	·09	·04			·46	·02				·04	10
11	·38	·08	·09	·04	·24	·53	·04	·03	·02			·04	11
12	·26	·30	·36	·51	·12	·10	·34		·03		·29	·12	12
13	·39	·25	·24	·13	·04	·68	·11		·03		·33	·06	13
14	·05	·19	·13	·38		·49	·04		·33	·11	·88		14
15	·03	·28	·02	·52					·03	·09	·15		15
16			·22	·12	·16		·86		·23		·18		16
17	·10		·04		·23		·03	·48	·19	·02	·02		17
18	·22			·22	·88		·02		·11	·02			18
19	·05	·53		·19	·44	·15	·05	·22	·02				19
20	·14	·02	·02	·26		·05	·28		·10			·14	20
21	·06						·46	·06	·02	·03		·24	21
22	·25			·34		·10	·38	·03				·10	22
23	·02		·02	·13			·58	·03				·39	23
24	·06		·95	·12			·30	·02				·21	24
25	·02	·16	·11	·35		05	·84	·02	·02				25
26	·16	·15	·44	·46	·86		·05				·05	·05	26
27	·24	·02	·24	·21	·33	·51	·05				·16	·08	27
28	·39	·03	·26	·45	·03	·06	·10		·02		·05	·26	28
29	·14	—	·38	·16	98	·03	·33				·28	·68	29
30	·34	X	·02	·06	·04	·10			·33		·29	·51	30
31	·24	X	—	X	·15	X	·05		X	·14	X	·16	31
TOTAL	5·46	4·72	4·92	6·84	6·89	2·93	8·21	3·39	2·84	2·04	3·15	4·35	YEAR'S TOTAL 55·80
Days with ·01 in. or more	24	14	23	24	21	14	29	14	21	12	16	22	246
Days with ·04 in. or more	22	13	19	24	20	13	24	10	12	8	15	20	206

RE

RIVINGTON

Kept at Stones H

in the County of Lan

by Liverpool Corpor

RIVINGTON.

STONESHOUSE No 1

LANCASHIRE

1911 - 1920

FORM A2.
BRITISH RAINFALL.

13 MAR 19

8 in.

Ground 1 ft. 4 in.

Sea Level 623 ft.

0 am

Name

Distance Direction

IMPORTANT NOTI the result entered to the previous day. If an Obs ersal rule, he is earnestly requested to add the read ear in the space provided for it at the end of this ment of rain, the selection and placin ritish Rainfall Organization are given in application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
~~·00~~

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·00	·00	·21	·00	·07	·00	·05	·02	·00	·00	·44	·03	1
2	·03	·00	·13	·00	·18	·00	·00	·03	·00	·09	·07	·12	2
3	·00	·00	·06	·00	·48	·00	·00	·00	·05	·00	·62	·09	3
4	·00	·00	·08	·01	·00	·00	·06	·56	·08	·00	·45	·22	4
5	·28	·00	·11	·00	·00	·00	·00	·95	·00	·02	·12	·04	5
6	·12	·00	·01	·09	·00	·00	·00	·49	·00	·02	·46	·21	6
7	·02	·00	·00	·00	·00	·00	·00	·01	·00	·01	·12	·01	7
8	·12	·00	·35	·00	·00	·00	·00	·00	·02	·00	·08	1·14	8
9	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·14	9
10	·23	·09	·06	·00	·00	·00	·00	·00	·11	·00	·00	·53	10
11	·09	·00	·01	·00	·00	·00	·00	·00	·00	·00	·75	·25	11
12	·00	·00	·22	·00	·07	·00	·00	·00	1·14	·00	·33	·02	12
13	·00	·01	·00	·00	·01	·00	·00	·00	·00	·00	·12	·55	13
14	·10	·59	·00	·00	·00	·00	·00	·00	·00	·00	·04	·52	14
15	·03	·28	·06	·04	·00	·00	·00	·00	·00	·00	·26	·20	15
16	·00	·48	·08	·00	·00	·10	·02	·00	·00	·00	·20	·16	16
17	·02	·00	·04	·00	1·26	1·08	·01	·00	·00	·00	·08	·13	17
18	·00	·22	·01	·08	·00	·03	·00	·12	·00	·02	·02	·15	18
19	·00	·15	·00	·10	·00	·13	·04	·00	·52	·27	·17	·40	19
20	·00	·28	·00	·44	·00	·03	·04	·73	·11	·03	·00	·52	20
21	·00	·59	·01	·00	·00	·04	·00	·01	·00	·09	·00	·17	21
22	·05	·00	·00	·01	·00	·01	·00	·00	·00	·62	·04	·05	22
23	·00	·34	·00	·01	·21	·14	·00	·00	·31	·08	·00	·45	23
24	·15	·13	·00	·19	·00	1·49	·00	·12	·00	·24	·00	·17	24
25	·00	·19	·00	·45	·00	·17	·00	·06	·62	·12	·00	·43	25
26	·00	·03	·00	·26	·00	·09	·03	·25	·00	·36	·17	·43	26
27	·03	·34	·00	·51	·44	·01	·00	·60	·82	·00	·01	·17	27
28	·00	·18	·00	·30	·00	·17	·00	·00	·03	·00	·00	·36	28
29	·00		·00	8·0pm ·74 ·02	·00	·22	·00	·01	·33	·60	·00	·15	29
30	·00		·00	·07	·20	·24	·02	·00	·00	·37	·02	·00	30
31	·00		·11		·00		·01	·00		·04		·10	31
Total	1·28	3·90	1·55	3·32	2·92	3·95	·28	3·96	4·14	2·98	4·58	7·91	TOTAL for year 40·77
No. of Rain Days.	14	15	16	15	9	15	9	14	12	16	22	30	187

W. 8,000, X. '11.

FORM A2.
BRITISH RAINFALL.
13 MAR 19

✓

REGISTER OF RAINFALL IN 19 11

Kept at RIVINGTON Stones House, No. 1

in the County of Lancashire C 2

by Liverpool Corporation Wata Works

RAIN GAUGE
Pattern
Diameter of top 8 in.
Height of top above Ground 1 ft. 4 in.
" " " Sea Level 623 ft.

Time of Observation 9·0 am

Nearest Railway Station
Name
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
~~·00~~

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·00	·00	·21	·00	·07	·00	·05	·02	·00	·00	·44	·03	1
2	·03	·00	·13	·00	·18	·00	·00	·03	·00	·09	·07	·12	2
3	·00	·00	·06	·00	·48	·00	·00	·00	·05	·00	·62	·09	3
4	·00	·00	·08	·01	·00	·00	·06	·56	·08	·00	·45	·22	4
5	·28	·00	·11	·00	·00	·00	·00	·95	·00	·02	·12	·04	5
6	·12	·00	·01	·09	·00	·00	·00	·49	·00	·02	·46	·21	6
7	·02	·00	·00	·00	·00	·00	·00	·01	·00	·01	·12	·01	7
8	·12	·00	·35	·00	·00	·00	·00	·00	·02	·00	·08	1·14	8
9	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·14	9
10	·23	·09	·06	·00	·00	·00	·00	·00	·11	·00	·00	·53	10
11	·09	·00	·01	·00	·00	·00	·00	·00	·00	·00	·75	·25	11
12	·00	·00	·22	·00	·07	·00	·00	·00	1·14	·00	·33	·02	12
13	·00	·01	·00	·00	·01	·00	·00	·00	·00	·00	·12	·55	13
14	·10	·59	·00	·00	·00	·00	·00	·00	·00	·00	·04	·52	14
15	·03	·28	·06	·04	·00	·00	·00	·00	·00	·00	·26	·20	15
16	·00	·48	·08	·00	·00	·10	·02	·00	·00	·00	·20	·16	16
17	·02	·00	·04	·00	1·26	1·08	·01	·00	·00	·00	·08	·13	17
18	·00	·22	·01	·08	·00	·03	·00	·12	·00	·02	·02	·15	18
19	·00	·15	·00	·10	·00	·13	·04	·00	·52	·27	·17	·40	19
20	·00	·28	·00	·44	·00	·03	·04	·73	·11	·03	·00	·52	20
21	·00	·59	·01	·00	·00	·04	·00	·01	·00	·09	·00	·17	21
22	·05	·00	·00	·01	·00	·01	·00	·00	·00	·62	·04	·05	22
23	·00	·34	·00	·01	·21	·14	·00	·00	·31	·08	·00	·45	23
24	·15	·13	·00	·19	·00	1·49	·00	·12	·00	·24	·00	·17	24
25	·00	·19	·00	·45	·00	·17	·00	·06	·62	·12	·00	·43	25
26	·00	·03	·00	·26	·00	·09	·03	·25	·00	·36	·17	·43	26
27	·03	·34	·00	·51	·44	·01	·00	·60	·82	·00	·01	·17	27
28	·00	·18	·00	·30	·00	·17	·00	·00	·03	·00	·00	·36	28
29	·00		·00	8·0 pm ·74 } ·02 }	·00	·22	·00	·01	·33	·60	·00	·15	29
30	·00		·00	·07	·20	·24	·02	·00	·00	·37	·02	·00	30
31	·00		·11		·00		·01	·00		·04		·10	31
Total	1·28	3·90	1·55	3·32	2·92	3·95	·28	3·96	4·14	2·98	4·58	7·91	TOTAL for year 40·77 ✓
No. of Rain Days.	14	15	16	15	9	15	9	14	12	16	22	30	187 ✓

W. 8,000, X. '11.

E&DS

REGISTER OF RAINFALL IN 1912

FORM A.
BRITISH RAINFALL.
19 FEB 1913

Kept at Stones House Nos. Rivington

in the County of Lancashire C2

by Liverpool Corporation Waterworks

Lat. Long.

Time of Observation 9. 0 am.

Nearest Railway Station

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 4 in.

" " " " Sea Level 623 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	·00	·00	·10	·00	·01	·16	·03	·10	·36	·00	·02	·42	1
2	·00	·03	·23	·20	·06	·15	·23	·00	·09	·00	·02	·08	2
3	·31	·00	·11	·00	·00	·27	·00	·36	·43	·00	·00	·14	3
4	·48	·00	·70	·13	·05	·64	·00	1·43	·10	·00	·66	·00	4
5	·10	·01	·00	·00	·25	·23	·00	·10	·25	·00	·05	·01	5
6	·60	·18	·00	·00	·06	·01	·00	·19	·02	·01	·01	·00	6
7	·00	·10	·00	·02	·17	·01	·21	·04	·29	·00	·01	·05	7
8	·45	·34	·13	·03	·00	·10	·00	·06	·22	·00	·10	·00	8
9	·10	·07	·75	·31	·00	·15	·00	·05	·00	·00	·09	·10	9
10	·25	·00	·01	·00	·00	·96	·12	·06	·00	·00	·36	·02	10
11	·03	·02	·00	·00	·03	·01	·12	·05	·00	·00	·00	·41	11
12	·06	·04	·50	·00	·00	·26	·01	·00	·00	·00	·00	·03	12
13	·01	·00	·01	·00	·00	·02	·00	·12	·03	·33	·00	·22	13
14	·26	·00	·66	·00	·00	·23	·00	·34	·05	·02	·00	·18	14
15	·19	·19	·36	·00	·50	·16	·00	·06	·00	·00	·02	·06	15
16	·82	·00	·22	·00	·13	·01	·00	·14	·03	·25	·05	·05	16
17	·16	·25	·13	·00	·03	1·00	·00	·65	·00	·04	·30	·33	17
18	·10	·02	·00	·00	·00	·13	·00	·34	·00	·46	·16	·13	18
19	·00	·00	·28	·00	·00	·01	·06	·37	·00	·23	·06	·00	19
20	·06	·00	·15	·00	·28	·02	·08	·25	·00	·33	·02	·10	20
21	·00	·01	·21	·00	·13	·00	·18	·09	·00	·65	·03	·19	21
22	·00	·32	·01	·00	·53	·00	·12	·59	·00	·00	·00	·05	22
23	·00	·00	·19	·00	·00	·01	·16	1·30	·00	·08	·36	·10	23
24	·04	·04	·07	·00	·00	·25	·20	·07	·00	·13	·09	·18	24
25	·00	·00	·06	·00	·00	·31	·00	·02	·00	·00	·31	·13	25
26	·00	·14	·17	·00	·00	·04	·40	·21	·00	1·64	·09	·33	26
27	·00	·02	·44	·00	·00	·47	·89	·00	·00	·38	·02	·11	27
28	·00	·06	·01	·00	·00	·21	·28	·50	·01	·28	·24	·00	28
29	·00	·04	·02	·00	·00	·03	·53	·07	·69	·04	·00	·03	29
30	·02		·26	·00	·31	·04	·02	·01	·02	·08	·05	·00	30
31	·00		·10		·11		1·40	·39		·04		·06	31
Total	4·04	1·88	5·88	·69	2·65	5·89	5·04	7·96	2·59	4·99	3·12 ~~2·46~~	3·51	YEAR'S TOTAL 48·24 ~~47·58~~
Rain Days.	18	18	26	5	15	28	18	28	14	17	23	25	235

W. 7,500, XI. ·12

FORM A.
BRITISH RAINFALL.

7 MAR 1914

REGISTER OF RAINFALL IN 1913

Kept at Stones House No. 1 & R9
in the County of Lancashire C 2
by Liverpool Corporation Waterworks

Lat. Long.
Time of Observation 9. 0 am.
Nearest Railway Station Horwich
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 4 in.
" " " " Sea Level 623 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·02	·05	·11	·06	·00	·00	·00	·00	·00	·00	·07	·04	1
2	·03	·12	·19	·04	·00	·18	·00	·00	·00	·00	·07	·13	2
3	·01	·05	·26	·00	1·03	·00	·01	·00	·00	·15	·04	·35	3
4	·46	·12	·00	·00	·03	·08	·04	·00	·00	·00	·03	·36	4
5	·25	·09	·06	·00	·04	·10	·05	·03	·00	·00	·05	·05	5
6	·08	·18	·21	·00	·59	·16	·68	·00	·00	·10	·24	·05	6
7	·01	·15	·10	·00	·21	·38	·02	·00	·00	·39	·13	·05	7
8	·00	·20	·07	·00	·03	·05	·00	·47	·06	·02	·08	·03	8
9	·00	·16	·24	·17	·21	·56	·05	·18	·00	·00	·12	·40	9
10	·03	·01	·16	·29	·05	·00	·02	·02	·13	·09	·26	·00	10
11	·16	·00	·03	·23	·04	·14	·00	·00	·00	·05	·15	·06	11
12	·12	·00	·00	·00	·01	·00	·05	·01	·28	·00	·35	·01	12
13	·00	·00	·68	·04	·00	·00	·13	·12	·20	·06	·40	·00	13
14	·15	·02	·17	·10	·00	·00	·04	·06	·03	·41	·12	·18	14
15	·03	·00	·23	·64	·00	·00	·06	·01	·09	·02	·18	·05	15
16	·00	·00	·08	·10	·00	·00	·02	·00	·00	·00	·17	·00	16
17	·00	·00	·03	·16	·11	·26	·26	·00	·05	·00	·23	·00	17
18	·04	·00	·29	·25	·08	·08	·19	·00	·00	·00	·23	·00	18
19	·18	·00	·04	·04	·03	·13	·00	·00	·16	·08	·13	·00	19
20	·26	·00	·05	·05	·04	·00	·05	·00	·00	·19	·84	·00	20
21	·00	·00	·11	·00	·06	·00	·20	·21	·00	·01	·06	·00	21
22	·48	·00	·86	·00	·05	·13	·00	·99	·16	·00	·00	·02	22
23	·42	·00	·06	·00	·75	·31	·00	·31	·21	·01	·18	·17	23
24	·38	·10	·00	·10	·01	·08	·00	·02	·00	·00	·00	·09	24
25	·00	·00	·00	·06	·00	·00	·00	·00	·53	·03	·05	·21	25
26	·00	·06	·00	1·20	·00	·07	·00	·00	·24	·00	·00	·40	26
27	·00	·00	·00	·49	·00	·08	·00	·00	·00	·29	·11	·16	27
28	·26	·00	·13	·44	·04	·06	·00	·00	·00	·07	·12	·00	28
29	·00		·39	·86	·11	·00	·00	·13	·00	·34	·09	·00	29
30	·53		·01	·00	·00	·00	·00	·00	·00	·25	·16	·00	30
31	·01		·25		·30		·00	·00		·00		·00	31
Total	3·91 ✓	1·31 ✓	4·81 ✓	5·32 ✓	3·82 ✓	2·85 ✓	1·87 ✓	2·56 ✓	2·14 ✓	2·56 ✓	4·66 ✓	2·81 ✓	YEAR'S TOTAL 38·62 ✓
Rain Days.	21	13	25	19	21	17	16	13	12	18	27	19	221 ✓

W.7/000, XI. 13

Ex DL

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
10 FEB 1915

Kept at Stones House No 1. Rivington
in the County of Lancashire C 2
by Liverpool Corporation Waterworks

Lat. ______ Long. ______
Time of Observation 9.0 am.
Nearest Railway Station ______
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 4 in.
" " " " Sea Level 623 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ______

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·00	·04	·10	·00	·00	·03	·44	·60	·00	·02	·00	·17	1
2	·04	·00	·00	·00	·00	·00	·81	·21	·00	·13	·27	·20	2
3	·05	·00	·05	·00	·41	·00	·05	·06	·00	·00	·00	·63	3
4	·15	·00	·15	·32	·11	·02	·03	·00	·00	·00	·45	·30	4
5	·07	·00	·37	·08	·07	·04	·04	·02	·00	·00	·10	·05	5
6	·00	·02	·13	·08	·23	·00	·00	·31	·00	·00	·12	·02	6
7	·08	·02	·18	·04	·20	·09	·05	·13	·00	·01	·02	·12	7
8	·82	·00	·09	·00	·16	·17	·12	·44	·04	·03	·00	·05	8
9	·37	·26	·06	·13	·07	·46	·00	·14	·06	·00	·14	·00	9
10	·04	·09	·05	·00	·02	·08	·00	·00	·23	·00	·09	·00	10
11	·00	·09	·38	·02	·00	·06	·00	·00	·17	·00	·55	·55	11
12	·00	·32	·10	·00	·10	·00	·01	·00	·86	·00	·33	·12	12
13	·00	·24	·15	·02	·02	·00	·02	·00	·12	·02	·36	·20	13
14	·00	·14	·07	·00	·00	·00	·00	·00	·03	·01	·14	·25	14
15	·00	·02	·28	·00	·00	·00	·00	·00	·17	·00	·32	·00	15
16	·02	·00	·04	·00	·00	·00	1·10	·00	1·21	·00	·00	·00	16
17	·04	·45	·16	·00	·00	·00	·24	·00	·30	·00	·00	·87	17
18	·00	·04	·12	·00	·00	·00	·00	·00	·10	·00	·00	·14	18
19	·00	·02	·03	·00	·00	·00	·16	·00	·16	·00	·03	·28	19
20	·00	·05	·05	·00	·00	·02	·00	·00	·00	·02	·00	·00	20
21	·00	·27	·00	·00	·00	·12	·00	·00	·00	·07	·00	·00	21
22	·00	·15	·00	·04	·10	·13	·03	·09	·00	·03	·00	·00	22
23	·00	·04	·17	·08	·08	·17	·34	·00	·00	·00	·05	·00	23
24	·02	·00	·42	·12	·00	·02	·52	·42	·00	·00	·30	·00	24
25	·08	·00	·00	·00	·00	·00	·42	·30	·00	·82	·08	·55	25
26	·00	·00	·00	·00	·00	·00	·05	·02	·00	·30	·44	·21	26
27	·22	·00	·00	·00	·00	·05	·00	·00	·03	·66	·34	·74	27
28	·09	·26	·37	·00	·09	·08	·00	·00	·01	·12	·18	·14	28
29	·09		·12	·00	·10	·02	·00	·03	·00	·03	·12	·12	29
30	·00		·16	·00	·00	·00	·00	·17	·00	·00	·24	·21	30
31	·45		·10		·01		·60	·00		·20		·00	31
Total	2·63	2·52	3·90	·93	1·77	1·56	5·03	2·94	3·49	2·47	4·67	5·92	YEAR'S TOTAL 37·83
Rain Days.	16	18	25	10	15	16	18	14	14	15	21	21	203

FORM A.
BRITISH RAINFALL.
2 - FEB 1916

REGISTER OF RAINFALL IN 1915

Kept at Stones House No. 1

in the County of Lancaster

by Liverpool Corporation Waterworks

Lat. Long.

Time of Observation 9. 0 am

Nearest Railway Station

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 4 in.

" " " " Sea Level 623 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·13	·30	·00	·00	·16	·00	·22	·05	·00	·00	·00	·06	1
2	·00	·43	·39	·28	·00	·04	·40	·39	·00	·01	·00	·02	2
3	·79	·04	·05	·59	·00	·00	·40	·03	·00	·00	·00	·43	3
4	·02	·30	·02	·00	·24	·06	·11	·00	·04	·00	·00	1·41	4
5	·12	·59	·18	·02	·06	·08	·00	·01	·00	·00	·00	1·09	5
6	·19	·08	·00	·08	·00	·00	·44	·06	·00	·00	·00	·34	6
7	·85	·68	·00	·10	·00	·00	·34	·17	·00	·00	·00	·06	7
8	·17	·08	·00	·08	·00	·00	·00	·13	·00	·00	·48	·00	8
9	·00	·07	·00	·06	·00	·00	·03	·00	·00	·00	·14	·85	9
10	·72	·00	·35	·07	·00	·00	·01	·27	·00	·02	·14	·12	10
11	·15	·00	·00	·01	·46	·00	·09	·17	·00	·00	·12	·32	11
12	·37	·00	·02	·17	·07	·00	·02	·18	·00	·32	·47	·00	12
13	·07	·08	·02	·00	·00	·00	·00	·68	·00	·00	·00	·12	13
14	·06	·00	·00	·17	·03	·00	·10	·16	·18	·08	·01	·20	14
15	·72	·00	·00	·02	·00	·00	·00	·63	·02	·00	·09	·25	15
16	·00	·60	·00	·00	·16	·00	·73	1·04	·00	·00	·00	·00	16
17	·00	·20	·04	·00	·00	·00	·02	·00	·00	·00	·00	·10	17
18	·03	·33	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	18
19	·00	·08	·08	·04	·14	·00	·23	·00	·00	·00	·00	·00	19
20	·22	·02	·00	·00	·06	·00	·01	·16	·00	·00	·00	·61	20
21	·17	·05	·00	·10	·00	·00	·28	·01	·00	·00	·00	·44	21
22	·04	·01	·04	·00	·00	·06	·14	·07	·00	·01	·00	·25	22
23	·00	·05	·10	·01	·00	·04	·01	·00	·01	·62	·00	·20	23
24	·00	·02	·15	·06	·00	·00	·00	·00	·39	·28	·00	·32	24
25	·00	·00	·00	·00	·00	·90	·00	·00	·22	·01	·00	·29	25
26	·00	·37	·00	·00	·00	·32	·23	·00	·02	·00	·00	·35	26
27	·00	·10	·00	·00	·00	·01	·30	·00	·00	·47	·00	·18	27
28	·00	·14	·01	·00	·03	·64	·00	·66	·00	·19	·00	·00	28
29	·00	✕	·00	·00	·06	·04	·00	·05	·00	·00	·11	·43	29
30	·24	✕	·00	·12	·00	·04	·00	·02	·00	·11	·00	·03	30
31	·16	✕	·00	✕	·00	✕	·06	·84	✕	·16	✕	·40	31
Total	5·22	4·62	1·60	1·98	1·47	2·23	4·17	5·18	·88	2·28	1·56	8·87	YEAR'S TOTAL 40·06
Rain Days.	19	22	14	17	11	11	21	21	7	12	8	25	188

W. 8,000. X. 15.

[illegible] end by own stats

3080

FORM A.
BRITISH RAINFALL.
9. FEB 191

REGISTER OF RAINFALL IN 1916

Kept at Rivington - Stones House No. 1

in the County of Lancashire

by

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground 1 ft. 4 in.

" " " " Sea Level 623 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·17	·02	·16	·00	·00	·21	·50	·00	·00	·00	·06	·00	1
2	·19	·12	·09	·00	·00	·06	·01	·00	·27	·09	·10	·00	2
3	·00	·04	·01	·07	·00	·05	·24	·00	·77	·24	·18	·02	3
4	·05	·10	·00	·00	·40	1·08	·15	·00	·20	·34	·58	·00	4
5	·11	·43	·00	·00	·20	·34	·00	·00	·00	·65	·22	·00	5
6	1·04	·26	·04	·00	·38	·04	·20	·00	·00	·11	·34	·06	6
7	·00	·03	·04	·00	·08	·01	·58	·00	·00	·13	·10	·42	7
8	·04	·06	·05	·00	·00	·60	·00	·00	·00	·03	·13	·28	8
9	·10	·02	·00	·00	·25	·80	·01	·00	·02	·00	·12	·16	9
10	·00	·13	·01	·16	·00	·00	·11	·00	·00	·12	·01	·07	10
11	·10	·40	·03	·82	·00	·02	·05	·00	·20	·00	·00	·19	11
12	·11	·18	·03	·07	·70	·00	·47	·08	·03	·05	·00	·00	12
13	·00	·08	·28	·13	·02	·00	·00	·38	·00	(1·38)	·01	·15	13
14	·02	·08	·00	·10	·41	·00	·00	·38	·10	·56	·00	·00	14
15	·00	·22	·50	·07	·01	·00	·04	·40	·18	·05	·00	·00	15
16	·04	·15	·28	·47	·00	·00	·13	·44	·05	·07	·00	·00	16
17	·14	·30	·00	·36	·00	·00	·04	·01	·75	·09	·00	·00	17
18	·01	·20	·00	·25	·00	·00	·00	·30	·36	·08	·11	·10	18
19	·13	·00	·35	·22	·00	·00	·00	·12	·03	·00	·10	·00	19
20	·19	·00	·36	·77	·00	·00	·00	·02	·00	·00	·09	·06	20
21	·08	·00	·03	·10	·20	·00	·09	·00	·00	·00	·05	·00	21
22	·00	·00	·00	·00	·02	·15	·00	·00	·00	·30	·00	·13	22
23	·03	·00	·05	·13	·00	·00	·00	·05	·00	·03	·27	·26	23
24	·00	·05	·00	·01	·00	·00	·00	·41	·00	·15	·00	·02	24
25	·01	·10	·08	·00	·10	·00	·00	·22	·01	·13	·42	·05	25
26	·05	·08	·03	·00	·00	·01	·02	·02	·00	·15	·03	·00	26
27	·01	·17	·03	·00	·00	·09	·00	·12	·05	·42	·00	·03	27
28	·00	·10	·05	·00	·00	·10	·00	·00	·00	·82	·03	·80	28
29	·00	·21	·00	·00	·00	·16	·02	·00	·00	·42	·00	·30	29
30	·01	×	·00	·00	·00	·11	·02	·00	·00	·49	·02	·03	30
31	·00	×	·00	×	·03	×	·00	·16	×	·02	×	·24	31
Total	2·63	3·53	2·50	3·73	2·80	3·83	2·68	3·11	3·02	6·52	2·97	3·31	YEAR'S TOTAL 40·63
Rain Days.	21	24	20	15	13	16	17	15	14	25	20	19	219

W. 8,000, VIII. 16

smade

cnd by num stats ~~W~~ C78

2931

FORM A. BRITISH RAINFALL.

5 FEB 1918

REGISTER OF RAINFALL IN 1917

Kept at Stones House No. Rivington

in the County of Lancashire

by Water Engineer, Liverpool Corporation.

Lat. Long.

Time of Observation 9.0 a.m.

Nearest Railway Station

Diameter of Funnel of Rain Gauge 3·03 in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	–	–	–	·14	–	·09	–	·03	·33	–	·21	·12	1
2	·52	–	–	·04	–	·16	–	·05	–	·13	·01	·01	2
3	·02	·05	–	–	–	·30	–	–	–	·46	·02	·05	3
4	·11	·01	·08	–	–	–	–	–	–	·90	–	·01	4
5	·42	–	·03	·13	–	–	–	·08	·02	·29	·31	·10	5
6	–	–	–	–	–	·18	–	–	–	·32	·30	·06	6
7	·60	–	·01	–	–	·14	–	–	–	·44	·10	·04	7
8	·40	–	–	·25	–	·05	–	·32	·01	·78	·27	·20	8
9	–	–	·05	·07	–	–	–	·17	–	·14	·39	·16	9
10	·30	–	·90	·10	·07	–	–	·16	–	·02	–	·05	10
11	·24	·01	–	·03	·01	–	–	·20	·04	·57	·03	·02	11
12	·09	–	–	Gauge under repair. Estimated rainfall ~~2·34~~ (1·16)	·43	–	–	·02	–	·51	·01	·06	12
13	–	–	–		–	·04	–	·42	·59	·03	·13	·39	13
14	·09	–	–		·03	–	–	·09	–	·05	·01	·13	14
15	·01	–	–		–	–	·28	·07	·37	·12	·02	·39	15
16	–	·12	·02		–	–	–	·35	·01	·01	·04	·22	16
17	·03	·03	·32	–	·03	·02	·11	1·45	·05	·23	–	·10	17
18	·03	·02	·02	·35	·03	–	·65	·12	·25	·01	–	–	18
19	·01	·20	·18	·05	·27	·18	·01	–	–	–	·02	–	19
20	–	·14	·02	–	·14	·45	–	·07	·07	–	·68	–	20
21	–	·03	·07	–	·29	–	–	·38	·01	·04	·07	–	21
22	–	–	–	–	–	·09	–	·08	·16	·43	·17	–	22
23	–	·14	–	–	·11	·29	·16	·13	·05	·31	–	·12	23
24	–	–	·02	–	–	·05	·02	·15	–	·53	·08	·05	24
25	–	·08	·04	–	–	–	–	·13	–	·12	·09	–	25
26	–	–	–	–	–	·30	·05	·68	·32	·08	1·15	–	26
27	–	–	·04	·02	·30	·17	·73	·67	–	·15	·05	·01	27
28	–	·04	·13	–	–	–	·05	·39	–	·53	·04	·07	28
29	–		·07	–	–	–	·02	·10	–	·40	·03	·02	29
30	·02	X	·20	–	–	–	–	·63	–	·02	·07	–	30
31	·01	X	·12	X	·07	X	–	·22	X	–	X	·01	31
Total	2·90	·87	2·32	(2·34)	1·78	2·51	2·08	7·16	2·28	7·62	4·30	2·33	YEAR'S TOTAL (38·49)
Rain Days.	16	12	18	19	12	15	10	26	14	27	25	23	(217)

B. [illegible]

C X M L

REGISTER OF RAINFALL IN 1918.

FORM A.
BRITISH RAINFALL.

Kept at Rivington - Stones House No: 1
in the County of C. Lancashire
by

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 4 in.
" " " " Sea Level 623 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

gauge being repaired

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	-	·21	-	·04	·01	-	-	-	·58	·17	·35	·59	1
2	-	·09	-	-	-	-	-	-	·29	·11	·01	·81	2
3	-	·05	-	-	·62	-	-	-	·03	·51	·02	·02	3
4	·07	·02	-	-	·04	-	-	·09	·24	·25	·40	·23	4
5	·01	-	-	·19	·26	-	·01	1·32	·17	·56	·07	·01	5
6	·06	·73	-	·39	·01	·34	·02	·08	·04	·11	-	·01	6
7	·03	·18	-	·08	·01	-	-	·07	·27	·30	·18	-	7
8	·09	·02	·03	-	-	-	·15	-	·91	·21	·05	·01	8
9	-	·38	·02	·25	-	·47	·10	·02	·82	·87	·03	·06	9
10	-	·54	-	·06	-	-	·13	-	·92	·10	·42	·08	10
11	-	·20	·01	-	·19	-	·03	-	·46	-	-	·26	11
12	·02	·45	-	·05	·01	-	·02	·03	·28	-	-	·15	12
13	-	·01	-	·05	·09	-	-	-	·14	·27	-	-	13
14	·62	-	-	-	·01	·06	·20	-	·59	·33	-	·27	14
15	-	-	-	-	·02	·05	·41	-	1·32	·07	-	·71	15
16	·08	-	-	-	-	·14	·35	·16	·47	-	-	·45	16
17	·27	-	-	-	·09	·37	·21	·09	·09	·15	-	·30	17
18	·25	-	·05	-	-	·11	·20	·01	·32	·01	·01	·50	18
19	·12	·06	·27	·07	-	-	·37	·30	·14	·03	-	·79	19
20	·16	·66	-	·19	·02	·19	·32	-	·49	-	-	·01	20
21	·36	·24	-	-	·03	·18	·02	-	·52	·01	-	·05	21
22	·11	-	-	-	·49	·17	·35	·01	·15	-	-	·84	22
23	·06	·01	-	-	·43	-	·24	-	·24	-	·08	·04	23
24	·02	·15	-	-	-	-	·19	·17	·27	·04	·12	·12	24
25	-	-	-	-	·09	·25	·10	1·53	·08	-	·03	-	25
26	-	·01	-	-	-	-	·04	·04	·69	·07	·18	·14	26
27	-	·12	·56	-	-	·16	-	·69	·35	·09	·24	·53	27
28	-	·04	·25	-	-	-	-	·02	·11	-	·35	1·10	28
29	-	X	-	-	-	-	-	·02	·02	-	·01	·23	29
30	-	X	·38	-	-	-	-	·23	·09	·02	·17	·53	30
31	-	X	·17	X	-	X	-	·33	X	·02	X	·01	31
Total	2·33	4·17	1·74	1·37	2·42	2·49	3·46	5·31	11·09	4·30	2·72	8·85	YEAR'S TOTAL 50·15
Rain Days.	16	20	9	10	17	12	20	19	30	22	18	28	221

W, 6,500, VII. 18. W W C

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1919.

15 JAN 20

Kept at STONES HOUSE No. 1

in the County of LANCASTER

by LIVERPOOL CORPORATION WATERWORKS

Lat. Long.

Time of Observation 9. 0 am.

Nearest Railway Station

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 4 in.

" " " " Sea Level 843 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·34	·01	·05	·00	·29	·00	·31	·10	·56	·62	·02	·06	1
2	·15	·00	·40	·00	·06	·00	·30	·03	·23	·02	·00	·26	2
3	·05	·00	·01	·02	·08	·24	·20	·00	·00	·00	·05	·06	3
4	·81	·01	·16	·00	·04	·10	·02	·34	·06	·00	·00	·06	4
5	·03	·00	·00	·08	·10	·00	·00	·00	·00	·00	·05	·26	5
6	·10	·00	·45	·01	·30	·00	·00	·01	·00	·00	·00	·06	6
7	·07	·00	·33	·09	·03	·00	·00	·00	·13	·00	·03	·00	7
8	·17	·00	·05	·05	·00	·06	·00	·00	·00	·00	·00	·00	8
9	·28	·00	·10	·02	·00	·00	·00	·00	·00	·00	·01	·00	9
10	·01	·00	·60	·17	·00	·01	·00	·00	·00	·02	·04	·22	10
11	·02	·00	1·04	·10	·00	·00	·17	·00	·00	·02	·00	·03	11
12	·00	·00	·59	·03	·00	·32	·06	·00	·02	·13	·08	·00	12
13	·45	·00	·02	·26	·00	·04	·05	·03	00	·42	·00	·06	13
14	·36	·02	·00	·35	·00	·00	·00	·03	·00	·16	·00	·02	14
15	·36	·02	·00	·19	·00	·00	·00	·05	·00	00	·00	·53	15
16	·09	·12	·01	·01	·00	·03	·00	·00	·00	·00	·52	·01	16
17	·04	·02	·00	·21	·00	·28	·00	·49	·00	·00	·62	·04	17
18	·00	·00	·26	·00	00	·00	·10	·30	·17	·00	·02	·24	18
19	·04	·26	·95	·00	·00	·32	·05	·14	·11	·00	·10	·56	19
20	·61	·05	·05	·00	·00	·19	·03	·04	·04	·00	11	·56	20
21	·02	·38	·00	·00	·00	·00	·18	·02	·08	·00	·13	·19	21
22	·00	·19	·01	·00	·00	·08	·00	·04	·40	00	·20	1·06	22
23	·00	·00	·00	·02	·00	·21	·00	·05	·00	1·15	·02	·08	23
24	·00	·00	·01	·13	·40	·00	·00	·01	·22	·36	·13	·40	24
25	·17	·00	·00	·10	·14	·06	·00	·70	·18	·00	·40	·05	25
26	·05	·01	·52	·16	·00	·19	·00	·74	·03	·00	·03	·60	26
27	·48	·04	·00	·32	·00	·02	·00	·08	00	·00	·04	·01	27
28	·00	00	·00	·03	·00	·03	·00	1·02	·00	·02	·00	·47	28
29	·02		·02	·03	·00	·00	·00	·20	·00	·20	·02	·24	29
30	·02		·09	·25	·00	·21	·00	·01	·00	·05	·16	·33	30
31	·02		·02		·00		·27	·03		·00		·05	31
TOTAL	4·76	1·13	5·74	2·63	1·44	2·39	1·74	4·46	2·23	3·17	2·78	6·51	YEAR'S TOTAL 38·98
Days with ·01 in. or more	25	12	22	22	9	17	12	22	13	12	21	27	214

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

2662

19 JAN 1921

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at STONES HOUSE No 1

in the County of LANCASTER

by LIVERPOOL CORPORATION WATERWORKS

Lat. 53°38'29" Long. 2°34'27"

Time of Observation 9 am

Nearest Railway Station

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 4 in.

" " " " Sea Level 843 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·04	·00	·10	·12	·40	·04	·35	·01	·10	·07	·00	·19	1
2	·06	·00	·00	·12	·07	·00	·26	·10	·45	·08	·00	·25	2
3	·04	·10	·11	·16	·05	·00	·26	·14	·23	·12	·00	·15	3
4	·01	·00	·00	·10	·01	·00	·11	1·40	·09	·37	·00	·02	4
5	·00	·01	·08	·05	·58	·00	·10	·30	·48	·42	·00	·01	5
6	·00	·00	·70	·22	·28	·00	·02	·10	·01	·03	·03	·00	6
7	·14	·07	·18	·07	·06	·00	·28	·00	·00	·00	·01	·00	7
8	·02	·02	·00	·32	·08	·00	·19	·08	·02	·00	·00	·00	8
9	·48	·85	·06	·30	·00	·00	·22	·08	·03	·00	·00	·02	9
10	·70	·33	·10	·01	·00	·00	·47	·50	·00	·00	·00	·02	10
11	·25	·05	·06	·05	·44	·60	·01	·01	·00	·00	·01	·01	11
12	·23	·06	·10	·57	·09	·18	·16	·00	·02	·00	·29	·03	12
13	·12	·11	·14	·03	·01	·48	·00	·00	·02	·00	·14	·01	13
14	·00	·15	·17	·37	·00	·24	·10	·00	·37	·12	·60	·00	14
15	·00	·18	·16	·34	·00	·00	·00	·00	·01	·00	·02	·00	15
16	·00	·00	·08	·05	·18	·15	·76	·00	·10	·00	·04	·00	16
17	·02	·00	·00	·00	·30	·00	·00	·28	·30	·00	·00	·00	17
18	·20	·00	·00	·09	·50	·24	·05	·09	·24	·00	·00	·00	18
19	·19	·70	·00	·14	·36	·15	·03	·16	·04	·00	·00	·00	19
20	·25	·00	·02	·54	·00	·02	·06	·00	·30	·00	·00	·08	20
21	·02	·00	·00	·02	·00	·00	·64	·05	·00	·00	·00	·21	21
22	·17	·00	·00	·45	·00	·02	·37	·06	·00	·00	·00	·08	22
23	·00	·00	·06	·12	·00	·00	·47	·10	·00	·00	·00	·52	23
24	·05	·00	·80	·08	·00	·01	·20	·03	·00	·00	·00	·23	24
25	·00	·12	·05	·06	·01	·02	·73	·01	·00	·00	·00	·00	25
26	·14	·06	·37	·36	·54	·00	·09	·00	·00	·00	·00	·04	26
27	·09	·02	·12	·17	·47	·48	·05	·00	·00	·00	·14	·00	27
28	·33	·03	·26	·30	·26	·00	·08	·00	·00	·00	·04	·26	28
29	·33	·00	·22	·30	1·75	·03	·44	·00	·00	·00	·15	·38	29
30	·32		·12	·06	·29	·18	·01	·00	·47	·00	·04	·44	30
31	·16		·30		·24		·03	·01		·21		·00	31
TOTAL	4·36	2·86	4·36	5·57	6·97	2·84	6·54	3·51	3·28	1·42	1·51	2·95	YEAR'S TOTAL 46·17
Days with ·01 in. or more	24	16	23	29	22	15	28	19	18	8	12	19	233
Days with ·04 in. or more	20	12	22	26	19	10	23	14	12	7	8	12	185

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

RIVINGTON
GRAMMAR SCH
LANCASHIRE
1913 - 1915

FORM A.
BRITISH RAINFALL.

7 APR 1914

RE

Kept at Rivington +B ... '54" W.

... rich (L.Y.)

in the County of Lan ... in.

by the Pupils unde ... und ft. in.

Level 510 ft.

IMPORTANT ... result entered to the previous day. If an Observer prefers ... l rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following ... the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	01	06	12	05	—	—	—	—	—	—	07	*	1
2	02	13	18	02	—	17	—	—	—	—	09		2
3	005	06	21	—	94	—	—	—	—	15	02		3
4	45	22	01	—	—	02	04	—	—	—	*		4
5	26	05	005	—	02	11	11	—	—	—			5
6	08	13	22	—	59	23	61	—	—	06			6
7	—	16	07	—	21	35	—	[illegible]	—	32			7
8	—	22	26	—	15	—	—	1·06	05	—			8
9	—	18	15	15	24	63	07	~~12~~	—	—			9
10	01	02	20	31	02	—	01	005	13	09		—	10
11	—	—	005	39	07	15	—	—	—	08		04	11
12	06	—	—	005	—	—	01	—	23	—		—	12
13	05	—	68	02	—	—	18	13	17	06		—	13
14	23	—	17	15	—	—	07	03	03	44		27	14
15	01	—	27	56	—	—	06	005	19	03		06	15
16	—	—	05	03	—	—	—	—	—	—		—	16
17	—	—	02	13	10	17	20	—	10	—		—	17
18	02	—	29	29	05	02	17	—	005	—		—	18
19	15	—	08	08	12	13	—	—	15	09		—	19
20	19	—	05	07	01	005	04	—	01	20		—	20
21	—	—	12	—	06	—	14	28	—	—		—	21
22	69	—	82	—	07	10	—	94	23	—		—	22
23	33	—	06	—	59	26	—	33	25	02		12	23
24	41	05	—	09	—	13	—	02	—	—		07	24
25	005	—	—	}	—	—	—	—	55	02		25	25
26	—	07	—	1·30	—	09	—	—	19	—		43	26
27	—	—	18	61	—	12	—	01	005	28		05	27
28	26	—	39	48	02	03	—	—	—	06		—	28
29	—		—	84	10	—	—	11	—	21		—	29
30	59		—	—	01	—	—	—	—	24		—	30
31	06		26		38		—	—		—		—	31
Total	3·89	1·35	4·87	5·575	3·75	2·715	1·71	3·04	2·29	2·35	~~·18~~ *	~~1·29~~ *	YEAR'S TOTAL ~~33·00~~ *
Rain Days.	~~21~~ 20	12	~~25~~ 24	20	19	~~17~~ 16	13	~~12~~ 11	~~15~~ 14	16	~~3~~ *	~~8~~ *	~~161~~ *

W.7,000, XI. 13

* The Records for Nov. 4 – Dec. 9 [36 days] have unfortunately been lost.

FORM A.
BRITISH RAINFALL.

7 APR 1914

RE

✓

RX, Hols

Kept at Rivington + Blackrod Gram. School, Horwich,

in the County of Lancs.

by the Pupils under direction of Percy R. Bristow

Lat. 53° 36′ 36″ N. Long. 2° 32′ 54″ W.
Time of Observation 9 a.m
Nearest Railway Station Horwich (L. & Y.)
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level 510 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	01	06	12	05	—	—	—	—	—	—	07	*	1
2	02	13	18	02	—	17	—	—	—	—	09		2
3	005	06	21	—	94	—	—	—	—	15	02		3
4	45	22	01	—	—	02	04	—	—	—	*		4
5	26	05	005	—	02	11	11	—	—	—			5
6	08	13	22	—	59	23	61	—	—	06			6
7	—	16	07	—	21	35	—	~~—~~	—	32			7
8	—	22	26	—	15	—	—	1·06	05	—			8
9	—	18	15	15	24	63	07	12	—	—			9
10	01	02	20	31	02	—	01	005	13	09		—	10
11	—	—	005	39	07	15	—	—	—	08		04	11
12	06	—	—	005	—	—	01	—	23	—		—	12
13	05	—	68	02	—	—	18	13	17	06		—	13
14	23	—	17	15	—	—	07	03	03	44		27	14
15	01	—	27	56	—	—	06	005	19	03		06	15
16	—	—	05	03	—	—	—	—	—	—		—	16
17	—	—	02	13	10	17	20	—	10	—		—	17
18	02	—	29	29	05	02	17	—	005	—		—	18
19	15	—	08	08	12	13	—	—	15	09		—	19
20	19	—	05	07	01	005	04	—	01	20		—	20
21	—	—	12	—	06	—	14	28	—	—		—	21
22	69	—	82	—	07	10	—	94	23	—		—	22
23	33	—	06	—	59	26	—	33	25	02		12	23
24	41	05	—	09	—	13	—	02	—	—		07	24
25	005	—	—	}	—	—	—	—	55	02		25	25
26	—	07	—	} 1.30	—	09	—	—	19	—		43	26
27	—	—	18	61	—	12	—	01	005	28		05	27
28	26	—	39	48	02	03	—	—	—	06		—	28
29	—		—	84	10	—	—	11	—	21		—	29
30	59		—	—	01	—	—	—	—	24		—	30
31	06		26		38		—	—		—		—	31
Total	3·89	1·35	4·87	5·575	3·75	2·715	1·71	3·04	2·29	2·35	~~·18~~ *	~~1·29~~ *	YEAR'S TOTAL ~~33·00~~ *
Rain Days.	~~21~~ 20	12	~~25~~ 24	20	19	~~17~~ 16	13	~~12~~ 11	~~15~~ 14	16	~~3~~ *	~~8~~ *	~~161~~ *

W.7,000, XI. 13

*The Records for Nov. 4 – Dec. 9 [36 days] have unfortunately been lost.

2937

Correction

TELEPHONE NO. 8720 BANK.
TELEGRAMS: WATER ENGINEER, LIVERPOOL.

ALL LETTERS TO BE ADDRESSED WATER ENGINEER, LIVERPOOL.

Liverpool Corporation Water Works,
Alexandra Buildings, 55, Dale Street,
Liverpool, 16th February, 1918.

Dear Sir,

Rivington Rainfall.

Referring to my letter of the 14th instant, the number of days on which rain fell in April, 1917, was given as 10 days, instead of 19. Will you please make the necessary alteration and increase the total number of days from 208 to 217.

Yours faithfully,
For the Water Engineer,

Dr. H.R.Mill,
Director,
British Rainfall Organisation,
62, Camden Square,
London, N.W.

written 13.IV.15

cord fr mth 6.IV.15 ~~H.~~ M.G.

REGISTER OF RAINFALL IN 1914

FORM A. BRITISH RAINFALL. -2 FEB 1915

Kept at Rivington Gram. School

in the County of Lancashire C 2

by the Pupils (Percy R. Bristow)

Lat. 53° 36½' N. Long. 2° 33' W.

Time of Observation 9 a.m.

Nearest Railway Station Horwich (L. & Y.)

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 3 in.

" " " " Sea Level 510 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·06	—	·12	—	—	·05	·93	·68	—	·04	—	·25	1
2	·01	—	—	—	·02	—	·73	·20	—	·07	·28	·15	2
3	·04	—	·08	—	·41	—	·04	·09	—	·02	—	·67	3
4	·25	—	·21	·39	·11	·01	·06	—	—	—	—	·38	4
5	·09	—	·49	·12	·10	·09	·05	·01	—	—	·49	·08	5
6	—	—	·12	·11	·29	·01	—	·28	—	—	·18	—	6
7	·08	·04	·24	·01	·30	·03	·04	·20	—	—	·02		7
8	·84	—	·03	—	·24	·10	·15	·46	·08	·04	·12	·22	8
9	·42	·26	·01	·17	·06	·33	—	·19	·01	—	·14	—	9
10	—	·09	·02	·05	·10	·12	—	·01	·30	—	·09	—	10
11	—	·13	·61	·02	—	·06	—	—	·43	—	1·15		11
12	—	·34	·13	—	·18	—	·05	—	·90	—	·48	·51	12
13	—	·23	·22	—	·01	—	·04	—	·18	·06	·49	—	13
14	—	·15	·11	·02	—	—	—	—	·04	·02	—		14
15	—	·02	·40	—	—	—	·01	—	·09	—	·05	·47	15
16	—	·03	·08	—	—	—	1·20	—	·88	—	·03	·01	16
17	·04	·52	·13	—	—	—	·31	—	·69	—	—	1·08	17
18	—	·05	·07	—	—	—	·01	—	·18	—	—	·12	18
19	—	·02	·08	—	—	—	·13	—	·15	—	·01	·40	19
20	—	—	·07	—	—	·04	—	—	·01	·03	—	·03	20
21	—	·28	—	—	—	—	—	·01	—	·05	—	·05	21
22	—	·15	—	·04	·03	·55	·05	·11	—	·03	—	—	22
23	—	·05	·18	·14	·12	·04	·37	—	—	—	—	—	23
24	—	—	·49	·17	—	·01	·64	·49	—	·01	·27	—	24
25	·04	—	—	—	—	—	·51	·39	—	1·06	·09	·70	25
26	·01	—	—	—	—	—	—	—	—	·36	·47	·34	26
27	·22	—	—	—	—	·04	—	—	·04	·73	·43	·89	27
28	·09	—	·40	—	·12	·13	—	·01	—	·20	·19	·24	28
29	·09	·20	·16	—	·09	·01	—	·03	—	—	·19	·07	29
30	—	X	·12	—	—	—	—	·21	—	·03	·17	·18	30
31	·53	X	·14	X	—	X	·77	—	X	·21	X	—	31
Total	2·81	2·56	4·71	1·24	2·18	1·62	6·09	3·37	3·98	2·96	5·34	6·84 6·84	YEAR'S TOTAL 43·70" 43.70
Rain Days.	15	16	25	11	15	16	19	16	14	16	20	23	206

W. 8,000. X. 14.

3152

FORM A. BRITISH RAINFALL.

24 JAN 1916

REGISTER OF RAINFALL IN 1915

Kept at Rivington Grammar School, Horwich

in the County of Lancashire C

by the Pupils of the School (Percy R. Bristow)

Lat. 56½° N. Long. 2½° W.

Time of Observation 9 a.m.

Nearest Railway Station Horwich

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 3 in.

" " " " Sea Level 510 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·12	·39	—	—	·20	—	·43	·03	—	·02	—	·01	1
2	—	·41	·48	·30	—	·06	·42	·30	—	·01	—	·01	2
3	·80	·02	·11	·57	—	—	—	·02	—	—	—		3
4	·08	·28	—	—	·23	·09	·14	—	—	—	—		4
5	·20	·41	·25	·05	—	·01	—	—	—	—	—	3·50 ?	5
6	·10	·09 ?	·01	·22	—	—	·52	·05	—	—	·01	·35	6
7	·75	·78	—	·12	—	—	·32	·29	—	—	—	·13	7
8	·15	·01	—	·03	—	—	·02	·14	—	—	·48	—	8
9	·01	·08	—	—	—	—	·05	·04	—	—	—	·43	9
10	·77	—	·35	·09	—	—	·04	·32	—	·01	·38		10
11	·10	—	·03	·01	·62	—	·22	·46	—	—	·18	·41	11
12	·38	—	·03	·14	·09	—	·02	·32	·20	·34		—	12
13	·17	·05	—	·01	—	—	—	·18	—	—		·13	13
14	·09	—	—	·16	—	—	·23	·21	·24	·01	·50	·28	14
15	·80	—	—	·01	—	—	—	·09	·02	—	·19	·22	15
16	—		—	—	—	—	1·09	·89	—	—	—	—	16
17	—	·72	·08	—	·37	—	·02	·01	—	—	—	—	17
18	·03	·37	·24 ?	·07	—	—	·23	—	—	—	·02	—	18
19	·01	·10	·14 ?	—	—	—	·02	—	—	·01	—	·05	19
20	·22	·02	·01	·09	—	—	·20	—	—	—	—	·62	20
21	·17	—	—	—	—	—	·05	·01	—	—	—	·37	21
22	·03	·07		—	—	—	—	·05	—	·88	—	·39	22
23	—	·08	·16	—	—	·15	—	—	·03	·06	—	·23	23
24	—	—	·14	·04	—	—	—	—	·43	—	—		24
25	—	—	—	—	—	1·37	·18	—	·24	·88	—		25
26	—	·38	—	—	—	·01	·15	—	·28	·01	—		26
27	—	·14	—	—	—	—	—	—	—	·70	—	·33	27
28	—	·25	—	—	·03	·67	—	·53	—	·26	—	·06	28
29	—	X	—	—	·04	—	—	·07	—	—	·13	·33	29
30	·16	X	—	·14	—	·15	—	·03	—	·06	—	·08	30
31	·25	X	—	X	—	X	·12	·83	X	·10	X	·45	31
Total	5·39	4·65	2·03	2·05	1·58	2·51	4·47	4·87	1·44	3·35	1·89	8·38	YEAR'S TOTAL 42·61
Rain Days.	21	~~19 or~~ 20	~~13 or~~ 14	16	7	8	20	21	7	14	9 or 10	~~23+~~ to 26	~~178~~ probably 182 ? 185

W. 8,000. X. 15.

FORM A2.
BRITISH RAINFALL.

15 JUN 1912

ROCHDALE
ASHWORTH MOOR RES
LANCASHIRE
1911 - 1920

REGI … 11

Kept at Ashworth … 5 in.
… bove Ground 1 ft. 2 in.
in the County of Lan … „ Sea Level 957"66 ft.
… gaw
by Haywood & Middleton … n Name Ramsbottom
Distance 3 Direction West

IMPORTANT NOTE.— … and the result entered to the previous day. If an Observer … universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0"00	0"00	0"51	0"00	0"05	0"00	0"07	0"01	0"00	0"00	0"36	0"00	1
2	0"09	0"00	0"18	0"00	0"22	0"00	0"00	0"05	0"00	0"08	0"05	0"12	2
3	0"01	0"00	0"16	0"00	0"39	0"00	0"00	0"00	0"02	0"02	0"62	0"04	3
4	0"00	0"00	0"13	0"00	0"00	0"00	0"00	0"15	0"09	0"05	0"55	0"16	4
5	0"11	0"00	0"08	0"01	0"01	0"00	0"00	0"69	0"00	0"00	0"22	0"04	5
6	0"20	0"00	0"08	0"08	0"00	0"00	0"00	0"54	0"00	0"09	0"33	0"16	6
7	0"15	0"00	0"00	0"02	0"00	0"00	0"00	0"00	0"00	0"03	0"11	0"02	7
8	0"24	0"00	0"29	0"00	0"00	0"00	0"00	0"00	0"07	0"01	0"00	0"68	8
9	0"05	0"00	0"00	0"00	0"00	0"00	0"00	0"00	0"00	0"00	0"06	0"17	9
10	0"21	0"11	0"18	0"00	0"00	0"00	0"00	0"00	0"07	0"00	0"00	0"46	10
11	0"22	0"01	0"02	0"00	0"00	0"00	0"00	0"00	0"02	0"00	0"14	0"37	11
12	0"01	0"01	0"13	0"00	0"02	0"00	0"00	0"00	1"31	0"00	0"52	0"00	12
13	0"00	0"00	0"00	0"00	0"98	0"00	0"00	0"00	0"00	0"00	0"24	0"58	13
14	0"03	0"74	0"00	0"00	0"19	0"00	0"00	0"00	0"00	0"00	0"08	0"26	14
15	0"00	0"34	0"03	0"04	0"00	0"00	0"00	0"00	0"00	0"03	0"17	0"33	15
16	0"00	0"70	0"05	0"01	0"00	0"12	0"02	0"00	0"00	0"00	0"23	0"26	16
17	0"06	0"02	0"05	0"00	0"02	0"77	0"00	0"00	0"00	0"00	0"25	0"12	17
18	0"00	0"26	0"06	0"00	0"00	0"14	0"00	0"04	0"00	0"02	0"02	0"17	18
19	0"00	0"15	0"00	0"05	0"00	0"08	0"06	0"00	0"23	0"52	0"20	0"20	19
20	0"00	0"23	0"00	0"46	0"00	0"01	0"07	0"51	0"09	0"21	0"00	0"32	20
21	0"02	0"80	0"03	0"00	0"00	0"01	0"01	0"00	0"00	0"10	0"00	0"24	21
22	0"05	0"04	0"00	0"06	0"00	0"05	0"00	0"00	0"00	0"30	0"08	0"06	22
23	0"01	0"32	0"02	0"01	0"25	0"32	0"00	0"00	0"30	0"09	0"00	0"18	23
24	0"20	0"23	0"02	0"20	0"01	1"22	0"01	0"05	0"00	0"33	0"00	0"15	24
25	0"03	0"42	0"00	0"33	0"00	0"06	0"03	0"00	0"87	0"09	0"00	0"34	25
26	0"00	0"03	0"00	0"25	0"02	0"11	0"00	0"12	0"00	0"43	0"14	0"45	26
27	0"04	0"49	0"01	0"50	0"00	0"00	0"00	0"73	0"77	0"00	0"00	0"16	27
28	0"00	0"26	0"00	0"33	0"00	0"21	0"00	0"01	0"07	0"00	0"01	0"53	28
29	0"00		0"00	0"27	0"00	0"30	0"00	0"02	0"69	0"74	0"00	0"16	29
30	0"00		0"00	0"03	0"12	0"31	0"00	0"00	0"04	0"26	0"03	0"00	30
31	0"00		0"15		0"00		0"00	0"00		0"03		0"03	31
Total	1"73	5"16	2"18	2"65	2"28	3"71	0"27	2"92	4"61	3"43	4"41	6"76	TOTAL for year 40·11
No. of Rain Days.	18	18	19	16	12	14	7	12	14	19	21	28	198

W. 8,000, X. '11.

REGISTER OF RAINFALL IN 1911

FORM A2.
BRITISH RAINFALL.
15 JUN 1912

Kept at Ashworth Moor

in the County of Lancaster S3

by Heywood & Middleton Water Board

RAIN GAUGE	Pattern	
	Diameter of top	5 in.
	Height of top above Ground	1 ft. 2 in.
	" " " Sea Level	957"66 ft.

Time of Observation 9 am

Nearest Railway Station { Name Ramsbottom
Distance 3 Direction West

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0"00	0"00	0"51	0"00	0"05	0"00	0"07	0"01	0"00	0"00	0"36	0"00	1
2	0"09	0"00	0"18	0"00	0"22	0"00	0"00	0"05	0"00	0"08	0"05	0"12	2
3	0"01	0"00	0"16	0"00	0"39	0"00	0"00	0"00	0"02	0"02	0"62	0"04	3
4	0"00	0"00	0"13	0"00	0"00	0"00	0"00	0"15	0"09	0"05	0"55	0"16	4
5	0"11	0"00	0"08	0"01	0"01	0"00	0"00	0"69	0"00	0"00	0"22	0"04	5
6	0"20	0"00	0"08	0"08	0"00	0"00	0"00	0"54	0"00	0"09	0"33	0"16	6
7	0"15	0"00	0"00	0"02	0"00	0"00	0"00	0"00	0"00	0"03	0"11	0"02	7
8	0"24	0"00	0"29	0"00	0"00	0"00	0"00	0"00	0"07	0"01	0"00	0"68	8
9	0"05	0"00	0"00	0"00	0"00	0"00	0"00	0"00	0"00	0"00	0"06	0"17	9
10	0"21	0"11	0"18	0"00	0"00	0"00	0"00	0"00	0"07	0"00	0"00	0"46	10
11	0"22	0"01	0"02	0"00	0"00	0"00	0"00	0"00	0"02	0"00	0"14	0"37	11
12	0"01	0"01	0"13	0"00	0"02	0"00	0"00	0"00	1"31	0"00	0"52	0"00	12
13	0"00	0"00	0"00	0"00	0"98	0"00	0"00	0"00	0"00	0"00	0"24	0"58	13
14	0"03	0"74	0"00	0"00	0"19	0"00	0"00	0"00	0"00	0"00	0"08	0"26	14
15	0"00	0"34	0"03	0"04	0"00	0"00	0"00	0"00	0"00	0"03	0"17	0"33	15
16	0"00	0"70	0"05	0"01	0"00	0"12	0"02	0"00	0"00	0"00	0"23	0"26	16
17	0"06	0"02	0"05	0"00	0"02	0"77	0"00	0"00	0"00	0"00	0"25	0"12	17
18	0"00	0"26	0"06	0"00	0"00	0"14	0"00	0"04	0"00	0"02	0"02	0"17	18
19	0"00	0"15	0"00	0"05	0"00	0"08	0"06	0"00	0"23	0"52	0"20	0"20	19
20	0"00	0"23	0"00	0"46	0"00	0"01	0"07	0"51	0"09	0"21	0"00	0"32	20
21	0"02	0"80	0"03	0"00	0"00	0"01	0"01	0"00	0"00	0"10	0"00	0"24	21
22	0"05	0"04	0"00	0"06	0"00	0"05	0"00	0"00	0"00	0"30	0"08	0"06	22
23	0"01	0"32	0"02	0"01	0"25	0"32	0"00	0"00	0"30	0"09	0"00	0"18	23
24	0"20	0"23	0"02	0"20	0"01	1"22	0"01	0"05	0"00	0"33	0"00	0"15	24
25	0"03	0"42	0"00	0"33	0"00	0"06	0"03	0"00	0"87	0"09	0"00	0"34	25
26	0"00	0"03	0"00	0"25	0"02	0"11	0"00	0"12	0"00	0"43	0"14	0"45	26
27	0"04	0"49	0"01	0"50	0"00	0"00	0"00	0"73	0"77	0"00	0"00	0"16	27
28	0"00	0"26	0"00	0"33	0"00	0"21	0"00	0"01	0"07	0"00	0"01	0"53	28
29	0"00		0"00	0"27	0"00	0"30	0"00	0"02	0"69	0"74	0"00	0"16	29
30	0"00		0"00	0"03	0"12	0"31	0"00	0"00	0"01	0"26	0"03	0"00	30
31	0"00		0"15		0"00		0"00	0"00		0"03		0"03	31
Total	1"73	5"16	2"18	2"65	2"28	3"71	0"27	2"92	4"61	3"43	4"41	6"76	TOTAL for year 40·11
No. of Rain Days.	18	18	19	16	12	14	7	12	14	19	21	28	198

W. 8,000, X. '11.

REGISTER OF RAINFALL IN 1912

FORM A.
BRITISH RAINFALL.
30 JAN 1913

Kept at *Ashworth Moor, Norden*
in the County of *Lancaster* S3
by *Heywood & Middleton Water Board*

Lat. .... Long. ———
Time of Observation *9 am*
Nearest Railway Station *Ramsbottom*
Diameter of Rain Gauge *5* in.
Height of top of Gauge above Ground *1* ft. *2* in.
" " " " Sea Level *957.66* ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	0"00	0"00	0"24	0"00	0"00	0"10	0"27	0"04	0"17	0"00	0"00	0"53	1
2	0"02	0"00	0"14	0"06	0"11	0"16	0"22	0"00	0"08	0"00	0"02	0"16	2
3	0"50	0"00	0"09	0"00	0"00	0"53	0"00	0"84	0"76	0"00	0"03	0"23	3
4	0"50	0"00	0"52	0"37	0"06	0"71	0"00	0"85	0"06	0"00	0"67	0"00	4
5	0"15	0"00	0"01	0"00	0"43	0"10	0"00	0"06	0"07	0"00	0"03	0"03	5
6	0"32	0"29	0"00	0"01	0"08	0"02	0"00	0"44	0"00	0"06	0"01	0"00	6
7	0"00	0"13	0"02	0"03	0"13	0"02	0"01	0"01	0"37	0"00	0"03	0"02	7
8	0"32	0"35	0"12	0"14	0"01	0"01	0"00	0"02	0"13	0"00	0"10	0"00	8
9	0"18	0"05	0"29	0"30	0"00	0"36	0"01	0"00	0"00	0"00	0"04	0"18	9
10	0"23	0"01	0"00	0"00	0"00	0"59	0"11	0"27	0"01	0"00	0"59	0"01	10
11	0"12	0"03	0"00	0"00	0"00	0"00	0"05	0"01	0"00	0"00	0"00	0"68	11
12	0"12	0"11	0"40	0"00	0"00	0"07	0"00	0"00	0"00	0"00	0"00	0"07	12
13	0"01	0"00	0"01	0"00	0"00	0"00	0"00	0"16	0"01	0"42	0"07	0"41	13
14	0"47	0"00	0"95	0"04	0"00	0"18	0"00	0"18	0"00	0"00	0"00	0"35	14
15	0"13	0"18	0"25	0"00	0"48	0"18	0"00	0"04	0"00	0"02	0"00	0"13	15
16	0"90	0"03	0"39	0"00	0"06	0"26	0"00	0"19	0"00	0"35	0"05	0"13	16
17	0"00	0"17	0"42	0"00	0"05	0"96	0"00	0"61	0"00	0"01	0"19	0"36	17
18	0"09	0"01	0"11	0"00	0"00	0"18	0"00	0"17	0"00	0"53	0"10	0"15	18
19	0"05	0"08	0"28	0"00	0"00	0"01	0"08	0"43	0"00	0"27	0"10	0"01	19
20	0"24	0"00	0"08	0"00	0"37	0"08	0"02	0"48	0"00	0"32	0"01	0"05	20
21	0"00	0"02	0"16	0"00	0"18	0"00	0"10	0"04	0"00	0"24	0"04	0"20	21
22	0"00	0"40	0"00	0"00	0"51	0"07	0"10	0"69	0"00	0"00	0"01	0"09	22
23	0"00	0"00	0"25	0"00	0"00	0"07	0"59	1"04	0"00	0"01	0"32	0"08	23
24	0"02	0"03	0"08	0"00	0"02	0"47	0"01	0"11	0"00	0"02	0"05	0"10	24
25	0"00	0"06	0"11	0"00	0"00	0"42	0"06	0"00	0"00	0"00	0"43	0"11	25
26	0"00	0"13	0"15	0"00	0"00	0"02	0"46	0"21	0"00	2"22	0"16	0"13	26
27	0"00	0"05	0"57	0"00	0"00	0"99	0"44	0"00	0"00	0"57	0"02	0"20	27
28	0"00	0"05	0"05	0"00	0"00	0"12	0"55	0"88	0"00	0"50	0"31	0"00	28
29	0"00	0"01	0"02	0"00	0"00	0"13	0"56	0"01	0"29	0"20	0"00	0"20	29
30	0"02		0"21	0"00	0"13	0"11	0"02	0"01	0"00	0"07	0"00	0"00	30
31	0"00		0"12		0"30		1"45	0"45		0"07		0"03	31
Total	4"39	2"19	6"04	0"95	2"92	6"92	5"11	8"24	1"95	5"88	3"38	4"64	YEAR'S TOTAL 52"61
Rain Days.	19	20	27	7	15	27	19	26	10	17	23	26	236

W. 7,500, XI. 12

S. made ✓

Ex DL

REGISTER OF RAINFALL IN 1913

FORM A.
BRITISH RAINFALL.

4- JAN 1914

Kept at Ashworth Moor Reservoir

in the County of Lancashire S 3

by Heywood & Middleton Water Board

Lat. Long.

Time of Observation 9AM

Nearest Railway Station Ramsbottom

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 2 in.

" " " " Sea Level 957.66 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0.10	0.06	0.19	0.18	0.00	0.00	0.00	0.00	0.03	0.00	0.05	0.00	1
2	0.00	0.11	0.41	0.03	0.00	0.18	0.00	0.00	0.00	0.00	0.16	0.16	2
3	0.04	0.44	0.19	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.04	0.32	3
4	0.69	0.19	0.02	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.18	0.00	4
5	0.20	0.16	0.05	0.00	0.06	0.26	0.12	0.00	0.00	0.03	0.00	0.00	5
6	0.12	0.22	0.14	0.00	0.71	0.24	0.35	0.00	0.00	0.03	0.00	0.04	6
7	0.00	0.23	0.02	0.00	0.28	0.25	0.03	0.00	0.00	0.46	0.05	0.06	7
8	0.00	0.21	0.03	0.00	0.03	0.00	0.00	0.41	0.00	0.04	0.11	0.05	8
9	0.00	0.26	0.41	0.04	0.07	1.06	0.08	0.02	0.00	0.00	0.25	0.17	9
10	0.00	0.04	0.33	0.12	0.08	0.00	0.00	0.00	0.04	0.12	0.08	0.00	10
11	0.05	0.00	0.00	0.45	0.02	0.14	0.00	0.00	0.00	0.09	0.19	0.10	11
12	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.44	0.00	12
13	0.00	0.00	0.71	0.05	0.00	0.00	0.04	0.11	0.23	0.05	0.34	0.00	13
14	0.11	0.02	0.20	0.28	0.00	0.00	0.01	0.01	0.04	0.39	0.28	0.10	14
15	0.09	0.00	0.28	0.44	0.00	0.00	0.02	0.09	0.05	0.00	0.27	0.09	15
16	0.00	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	16
17	0.01	0.01	0.00	0.[illegible]	0.07	0.03	0.23	0.00	0.16	0.00	0.16	0.00	17
18	0.05	0.00	0.23	0.30	0.06	0.02	0.12	0.00	0.[illegible]	0.00	0.29	0.00	18
19	0.04	0.00	0.03	0.07	0.08	0.05	0.00	0.00	0.14	0.11	0.33	0.00	19
20	0.23	0.00	0.06	0.06	0.04	0.00	0.02	0.00	0.00	0.17	0.79	0.00	20
21	0.00	0.00	0.11	0.00	0.14	0.00	0.17	0.25	0.00	0.00	0.03	0.00	21
22	0.54	0.00	0.54	0.00	0.14	0.00	0.00	0.74	0.19	0.00	0.00	0.01	22
23	0.26	0.00	0.14	0.00	0.67	0.39	0.00	0.57	0.27	0.00	0.20	0.10	23
24	0.51	0.10	0.00	0.13	0.03	0.18	0.00	0.00	0.00	0.00	0.04	0.09	24
25	0.00	0.[illegible]	0.00	0.06	0.00	0.00	0.00	0.00	0.52	0.01	0.10	0.28	25
26	0.00	0.01	0.05	0.68	0.00	0.07	0.00	0.00	0.16	0.03	0.00	0.43	26
27	0.00	0.01	0.[illegible]	0.53	0.00	0.03	0.00	0.[illegible]	0.00	0.17	0.02	0.14	27
28	0.59	0.00	0.15	0.45	0.02	1.02	0.00	0.00	0.00	0.14	0.03	0.00	28
29	0.01		0.17	0.86	0.04	0.00	0.00	0.15	0.00	0.00	0.06	0.00	29
30	0.51		0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.15	0.00	30
31	0.03		0.07		0.36		0.00	0.00		0.[illegible]		0.00	31
Total	4.32	1.67	4.47	4.91	3.52	2.92	1.29	2.33	2.01	2.07	4.92	2.44	YEAR'S TOTAL 36.59
Rain Days.	20	15	25	19	19	14	12	10	12	15	26	15	~~202~~ 201

W.7,000, XI. 13

CX MK

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
9 - JAN 1915

ROCHDALE
Kept at Ashworth Moor, (Near Reservoir Keeper's House.)
in the County of Lancaster 5 3
by Heywood & Middleton Water Bd.

Lat. —— Long. ——
Time of Observation 9 am
Nearest Railway Station Ramsbottom
Diameter of Rain Gauge 5" in.
Height of top of Gauge above Ground 1 ft. 2 in.
" " " " Sea Level 956·50 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0·00	0·00	0·04	0·00	0·00	0·02	0·00	0·64	0·00	0·02	0·00	0·15	1
2	0·01	0·00	0·05	0·00	0·05	0·00	0·42	0·68	0·00	0·10	0·20	0·09	2
3	0·15	0·00	0·25	0·00	0·61	0·00	0·32	0·13	0·00	0·04	0·00	0·52	3
4	0·43	0·00	0·26	0·42	0·22	0·00	0·00	0·00	0·00	0·00	0·18	0·17	4
5	0·08	0·00	0·55	0·16	0·04	0·20	0·07	0·00	0·00	0·00	0·29	0·15	5
6	0·00	0·03	0·05	0·14	0·39	0·08	0·01	0·10	0·00	0·00	0·16	0·02	6
7	0·08	0·00	0·22	0·01	0·33	0·05	0·00	0·05	0·00	0·00	0·03	0·12	7
8	0·88	0·00	0·03	0·04	0·22	0·19	0·01	0·55	0·13	0·02	0·04	0·06	8
9	0·47	0·24	0·00	0·49	0·09	0·70	0·00	0·35	0·03	0·00	0·26	0·00	9
10	0·02	0·09	0·05	0·11	0·08	0·00	0·00	0·00	0·21	0·00	0·09	0·00	10
11	0·00	0·21	0·51	0·00	0·08	0·04	0·03	0·00	0·25	0·00	0·91	0·07	11
12	0·00	0·12	0·12	0·00	0·12	0·00	0·22	0·00	0·88	0·00	0·66	0·03	12
13	0·00	0·24	0·16	0·01	0·00	0·00	0·08	0·00	0·31	0·01	0·44	0·34	13
14	0·02	0·20	0·15	0·00	0·00	0·00	0·00	0·00	0·06	0·00	0·31	0·29	14
15	0·00	0·00	0·40	0·00	0·00	0·00	0·00	0·00	0·11	0·00	0·18	0·00	15
16	0·01	0·01	0·05	0·00	0·00	0·00	1·20	0·00	0·84	0·00	0·00	0·01	16
17	0·05	0·57	0·08	0·00	0·00	0·00	0·25	0·00	0·95	0·00	0·00	1·06	17
18	0·00	0·07	0·00	0·00	0·00	0·58	0·00	0·00	0·05	0·00	0·00	0·11	18
19	0·00	0·01	0·15	0·00	0·00	0·00	0·12	0·00	0·22	0·00	0·00	0·30	19
20	0·00	0·08	0·07	0·00	0·00	0·00	0·00	0·00	0·01	0·00	0·00	0·00	20
21	0·00	0·14	0·00	0·00	0·00	0·19	0·00	0·00	0·00	0·09	0·00	0·05	21
22	0·00	0·23	0·03	0·03	0·04	0·60	0·02	0·10	0·00	0·01	0·02	0·00	22
23	0·00	0·01	0·18	0·20	0·12	0·02	0·17	0·00	0·00	0·00	0·03	0·01	23
24	0·05	0·00	1·31	0·11	0·04	0·07	0·57	0·53	0·00	0·00	0·29	0·00	24
25	0·08	0·00	0·00	0·00	0·00	0·00	0·45	0·66	0·00	1·31	0·12	0·67	25
26	0·07	0·00	0·00	0·00	0·00	0·00	0·04	0·01	0·00	0·28	0·32	0·32	26
27	0·08	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·69	0·31	0·95	27
28	0·08	0·16	0·22	0·00	0·04	0·02	0·04	0·00	0·05	0·01	0·32	0·04	28
29	0·14	×	0·17	0·00	0·10	0·00	0·00	0·04	0·00	0·18	0·15	0·10	29
30	0·04	×	0·32	0·00	0·00	0·06	0·00	0·06	0·00	0·01	0·11	0·15	30
31	0·53	×	0·21	×	0·00	×	1·12	0·00	×	0·09	×	0·00	31
Total	3·27	2·41	5·63	1·72	2·57	2·76	5·08	3·90	4·10	2·86	5·42	5·78	YEAR'S TOTAL 45·50
Rain Days.	19	16	25	11	16	13	18	13	14	14	22	24	205

W. 8,000. X. 14.

[illegible] stats 10.IV.16

3051

REGISTER OF RAINFALL IN 1915

FORM A.
BRITISH RAINFALL.
10. JAN 1916

Kept at Ashworth Moor W. Rochdale
in the County of Lancaster S
by Heywood & Middleton Water Board

Lat. Long.
Time of Observation 9 AM
Nearest Railway Station Ramsbottom
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 2 in.
" " " " Sea Level 956·66 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. 0·17

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0·09	0·64	0·05	0·00	0·27	0·10	0·19	0·30	0·12	0·00	0·00	0·10	1
2	0·01	0·38	0·42	0·30	0·00	0·06	0·46	0·55	0·00	0·08	0·00	0·00	2
3	0·84	0·06	0·16	0·53	0·00	0·00	0·29	0·08	0·00	0·00	0·00	0·58	3
4	0·07	0·47	0·02	0·00	0·07	0·04	0·50	0·00	0·01	0·00	0·00	0·81	4
5	0·20	0·15	0·27	0·00	0·00	0·02	0·00	0·03	0·00	0·00	0·00	0·96	5
6	0·30	0·05	0·06	0·35	0·00	0·00	0·51	0·11	0·00	0·00	0·00	0·44	6
7	0·64	0·68	0·00	0·09	0·00	0·00	0·25	0·48	0·00	0·00	0·00	0·23	7
8	0·22	0·07	0·00	0·02	0·00	0·00	0·00	0·16	0·00	0·00	0·42	0·00	8
9	0·00	0·03	0·00	0·02	0·00	0·00	0·01	0·01	0·00	0·06	0·21	0·42	9
10	0·93	0·00	0·09	0·03	0·00	0·00	0·02	0·74	0·00	0·01	0·09	0·21	10
11	0·16	0·00	0·00	0·00	0·64	0·00	0·11	0·47	0·00	0·00	·09 0·77	0·38	11
12	0·48	0·00	0·00	0·07	0·12	0·00	0·03	0·50	0·00	0·36	0·00	0·00	12
13	0·33	0·30	0·01	0·00	0·00	0·00	0·08	0·03	0·01	0·00	0·00	0·12	13
14	0·18	0·00	0·00	0·12	0·00	0·00	0·16	0·93	0·15	0·01	0·30	0·40	14
15	1·06	0·00	0·00	0·00	0·00	0·00	0·00	0·16	0·06	0·00	0·~~00~~	0·37	15
16	0·00	0·49	0·00	0·02	0·27	0·00	1·11	0·66	0·00	0·00	0·00	0·02	16
17	0·00	0·38	0·02	0·00	0·00	0·00	0·01	0·00	0·00	0·00	0·00	0·00	17
18	0·01	0·30	0·08	0·00	0·00	0·00	0·00	0·00	0·00	0·01	0·00	0·00	18
19	0·02	0·12	0·15	0·13	0·26	0·00	0·58	0·00	0·00	0·00	0·00	0·00	19
20	0·47	0·01	0·03	0·00	0·11	0·00	0·06	0·02	0·00	0·00	0·00	0·41	20
21	0·09	0·01	0·00	0·06	0·00	0·00	0·26	0·00	0·00	0·00	0·00	0·19	21
22	0·07	0·00	0·07	0·00	0·00	0·04	0·06	0·00	0·00	0·00	0·02	0·26	22
23	0·00	0·00	0·22	0·00	0·00	0·00	0·10	0·00	0·01	0·56	0·00	0·22	23
24	0·00	0·00	0·07	0·04	0·00	0·02	0·00	0·00	0·27	0·09	0·00	0·64	24
25	0·00	0·00	0·00	0·00	0·00	1·04	0·00	0·00	0·11	0·01	0·00	0·29	25
26	0·03	0·41	0·00	0·00	0·00	0·14	0·16	0·00	0·02	0·00	0·00	0·64	26
27	0·00	0·12	0·00	0·00	0·00	0·02	0·14	0·00	0·00	0·60	0·00	0·40	27
28	0·00	0·18	0·00	0·00	0·04	0·26	0·02	0·47	0·00	0·18	0·00	0·02	28
29	0·00	+	0·00	0·00	0·07	0·22	0·00	0·13	0·00	0·00	0·26	0·06	29
30	0·25	✗	0·00	0·10	0·00	0·05	0·00	0·05	0·00	0·00	0·00	0·00	30
31	0·14	✗	0·00	✗	0·00	✗	0·00	0·72	✗	0·10	✗	0·26	31
Total	6·59	4·85	1·72	1·88	1·85	1·91	5·11	6·60	0·76	2·07	2·16	8·43	YEAR'S TOTAL 43·93 ✓
Rain Days.	22	19 ✓	15	14 ✓	9 ✓	11 ✓	22	20	9 ✓	12	8 ✓	24	185 ✓

W. 8,000, X. 15.

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2964

FORM A.
BRITISH RAINFALL.
9 JAN 1917

REGISTER OF RAINFALL IN 1916

Kept at Ashworth Moor

in the County of Lancaster

by Heywood & Middleton Water Board

Lat. Long.

Time of Observation 9 am

Nearest Railway Station Ramsbottom

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 2 in.

" " " " Sea Level 955. 66 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. 0.08

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0.17	0.11	0.12	0.00	0.00	0.29	0.49	0.00	0.00	0.00	0.21	0.00	1
2	0.22	0.18	0.06	0.00	0.00	0.06	0.01	0.00	0.32	0.24	0.05	0.00	2
3	0.00	0.09	0.00	0.01	0.00	0.04	0.08	0.00	0.82	0.41	0.13	0.02	3
4	0.08	0.20	0.00	0.00	0.44	0.54	0.14	0.00	0.15	0.48	0.32	0.00	4
5	0.26	0.34	0.00	0.00	0.05	0.22	0.00	0.00	0.00	1.31	0.31	0.00	5
6	0.87	0.36	0.08	0.00	0.57	0.15	0.27	0.00	0.00	0.16	0.41	0.08	6
7	0.05	0.11	0.03	0.00	0.28	0.07	0.07	0.00	0.00	0.42	0.05	0.43	7
8	0.01	0.10	0.07	0.00	0.00	0.10	0.01	0.00	0.00	0.10	0.33	0.00	8
9	0.10	0.00	0.00	0.00	0.25	0.25	0.09	0.00	0.00	0.00	0.24	0.08	9
10	0.04	0.11	0.00	0.11	0.00	0.15	0.08	0.00	0.00	0.13	0.03	0.02	10
11	0.11	0.49	0.07	0.62	0.01	0.10	0.06	0.00	0.17	0.00	0.00	0.11	11
12	0.21	0.34	0.12	0.13	0.54	0.00	0.61	0.10	0.01	0.18	0.00	0.07	12
13	0.00	0.18	0.14	0.12	0.00	0.00	0.00	0.78	0.02	1.45	0.00	0.00	13
14	0.06	0.14	0.00	0.18	0.53	0.00	0.00	0.20	0.05	0.15	0.00	0.07	14
15	0.01	0.42	0.29	0.03	0.00	0.00	0.07	0.28	0.21	0.02	0.00	0.00	15
16	0.06	0.13	0.50	0.49	0.00	0.00	0.04	1.76	0.01	0.08	0.00	0.00	16
17	0.16	0.20	0.00	0.67	0.00	0.00	0.08	0.03	0.97	0.20	0.00	0.00	17
18	0.00	0.45	0.00	0.21	0.00	0.00	0.00	0.09	0.33	0.12	0.15	0.25	18
19	0.20	0.02	0.37	0.17	0.00	0.00	0.00	0.14	0.01	0.00	0.06	0.01	19
20	0.38	0.00	0.11	0.20	0.00	0.00	0.01	0.02	0.00	0.00	0.09	0.04	20
21	0.13	0.00	0.00	0.02	0.06	0.00	0.32	0.00	0.00	0.00	0.00	0.00	21
22	0.00	0.01	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.22	0.00	0.08	22
23	0.04	0.00	0.07	0.13	0.00	0.00	0.00	0.05	0.00	0.01	0.27	0.22	23
24	0.00	0.08	0.00	0.02	0.00	0.00	0.00	0.45	0.00	0.02	0.00	0.08	24
25	0.19	0.07	0.12	0.00	0.08	0.04	0.00	0.27	0.00	0.01	0.45	0.08	25
26	0.13	0.00	0.09	0.00	0.00	0.02	0.00	0.06	0.00	0.00	0.02	0.00	26
27	0.00	0.20	0.01	0.00	0.09	0.10	0.00	0.04	0.00	0.45	0.00	0.00	27
28	0.01	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.10	0.72	28
29	0.00	0.07	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.47	0.00	0.68	29
30	0.00	×	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.61	0.02	0.10	30
31	0.00	×	0.00	×	0.10	×	0.00	0.09	×	0.09	×	0.25	31
Total	3.49	4.53	2.25	3.11	3.00	2.47	2.43	4.36	3.07	8.04	3.24	3.39	YEAR'S TOTAL 43.38
Rain Days.	22	24	16	15	12	17	16	15	12	24	18	19	210

W. 8,000, VIII. 16

Spade

2818

FORM A.
BRITISH RAINFALL.

8 MAY 191

REGISTER OF RAINFALL IN 1917

Kept at Ashworth Moor. Norden Nr Rochdale

in the County of Lancashire

by Messrs Heywood & Middleton Water Board

Lat. Long.

Time of Observation 9 AM

Nearest Railway Station Ramsbottom

Diameter of Rain Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 2 in.

" " " " Sea Level 955. 66 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

191

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0 · 08	0 · 00	0 · 00	0 · 00	0 · 00	0 · 29	0 · 00	0 · 04	0 · 48	0 · 00	0 · 23	0 · 18	1
2	0 · 48	0 · 00	0 · 00	0 · 00	0 · 00	0 · 07	0 · 00	0 · 04	0 · 06	0 · 03	0 · 01	0 · 00	2
3	0 · 12	0 · 00	0 · 00	0 · 00	0 · 00	0 · 37	0 · 00	0 · 00	0 · 00	0 · 61	0 · 04	0 · 00	3
4	0 · 09	0 · 23	0 · 00	0 · 01	0 · 00	0 · 00	0 · 00	0 · 00	0 · 00	0 · 77	0 · 00	0 · 00	4
5	0 · 36	0 · 00	0 · 04	0 · 04	0 · 00	0 · 00	0 · 00	0 · 03	0 · 00	0 · 27	0 · 33	0 · 04	5
6	0 · 04	0 · 00	0 · 00	0 · 00	0 · 00	0 · 29	0 · 00	0 · 00	0 · 00	0 · 45	0 · 22	0 · 15	6
7	0 · 23	0 · 00	0 · 00	0 · 00	0 · 01	0 · 26	0 · 00	0 · 00	0 · 00	1 · 22	0 · 08	0 · 11	7
8	0 · 59	0 · 00	0 · 00	0 · 20	0 · 00	0 · 03	0 · 00	0 · 36	0 · 02	1 · 17	0 · 41	0 · 16	8
9	0 · 00	0 · 00	0 · 03	0 · 04	0 · 00	0 · 00	0 · 00	0 · 31	0 · 00	0 · 13	0 · 58	0 · 00	9
10	0 · 38	0 · 00	0 · 84	0 · 12	0 · 15	0 · 00	0 · 00	0 · 09	0 · 00	0 · 04	0 · 00	0 · 00	10
11	0 · 13	0 · 00	0 · 00	0 · 00	0 · 00	0 · 00	0 · 00	0 · 04	0 · 02	0 · 42	0 · 04	0 · 00	11
12	0 · 06	0 · 00	0 · 03	0 · 00	0 · 41	0 · 00	0 · 00	0 · 32	0 · 00	0 · 55	0 · 00	0 · 11	12
13	0 · 01	0 · 00	0 · 00	0 · 20	0 · 05	0 · 00	0 · 00	0 · 07	0 · 68	0 · 02	0 · 06	0 · 43	13
14	0 · 05	0 · 00	0 · 00	0 · 11	0 · 00	0 · 00	0 · 00	0 · 05	0 · 00	0 · 00	0 · 00	0 · 27	14
15	0 · 00	0 · 00	0 · 00	0 · 03	0 · 00	0 · 00	1 · 38	0 · 09	0 · 20	0 · 10	0 · 00	0 · 28	15
16	0 · 01	0 · 13	0 · 00	0 · 33	0 · 00	0 · 00	0 · 01	0 · 31	0 · 01	0 · 02	0 · 00	0 · 09	16
17	0 · 02	0 · 08	0 · 21	0 · 37	0 · 02	0 · 05	0 · 16	1 · 44	0 · 09	0 · 38	0 · 02	0 · 02	17
18	0 · 00	0 · 00	0 · 07	0 · 07	0 · 06	0 · 00	1 · 19	0 · 32	0 · 19	0 · 07	0 · 00	0 · 00	18
19	0 · 00	0 · 29	0 · 15	0 · 00	0 · 75	0 · 14	0 · 00	0 · 00	0 · 00	0 · 00	0 · 06	0 · 00	19
20	0 · 00	0 · 37	0 · 00	0 · 00	0 · 06	0 · 40	0 · 00	0 · 16	0 · 09	0 · 00	0 · 54	0 · 00	20
21	0 · 00	0 · 02	0 · 03	0 · 00	0 · 09	0 · 00	0 · 00	0 · 18	0 · 02	0 · 10	0 · 05	0 · 00	21
22	0 · 00	0 · 00	0 · 01	0 · 00	0 · 00	0 · 00	0 · 00	0 · 35	0 · 27	0 · 38	0 · 14	0 · 00	22
23	0 · 00	0 · 12	0 · 00	0 · 00	0 · 17	0 · 15	0 · 01	0 · 27	0 · 04	0 · 16	0 · 00	0 · 10	23
24	0 · 00	0 · 00	0 · 02	0 · 00	0 · 00	0 · 06	0 · 00	0 · 32	0 · 00	0 · 93	0 · 29	0 · 07	24
25	0 · 00	0 · 10	0 · 08	0 · 00	0 · 00	0 · 00	0 · 00	0 · 16	0 · 00	0 · 17	0 · 00	0 · 00	25
26	0 · 00	0 · 00	0 · 00	0 · 00	0 · 00	0 · 10	0 · 00	0 · 68	0 · 40	0 · 13	1 · 37	0 · 00	26
27	0 · 00	0 · 00	0 · 02	0 · 00	0 · 14	0 · 17	0 · 42	0 · 62	0 · 00	0 · 16	0 · 25	0 · 05	27
28	0 · 00	0 · 03	0 · 39	0 · 00	0 · 00	0 · 00	0 · 00	0 · 47	0 · 02	0 · 16	0 · 08	0 · 04	28
29	0 · 00		0 · 19	0 · 00	0 · 00	0 · 00	0 · 00	0 · 17	0 · 00	0 · 45	0 · 24	0 · 08	29
30	0 · 00		0 · 31	0 · 00	0 · 00	0 · 00	0 · 00	0 · 08	0 · 00	0 · 09	0 · 12	0 · 00	30
31	0 · 09		0 · 17		0 · 10		0 · 09	0 · 27		0 · 09		0 · 02	31
Total	2 · 95	1 · 34	2 · 59	1 · 52	2 · 00	2 · 38	3 · 17	7 · 24	2 · 59	8 · 98	5 · 16	2 · 20	YEAR'S TOTAL 42 · 15
Rain Days.	15 √	9 √	16 √	11 √	11 √	13 √	6 √	26 √	15 √	26 √	21 √	17 √	186 √

W.7,000, XI. 13

Smad

E. 970

57

FORM A.
BRITISH RAINFALL.

21 6.19

REGISTER OF RAINFALL IN 19*18*

Kept at Ashworth Moor, Norden, Nr. Rockdale

in the County of S. Lancaster

by The Heywood & Middleton Water Board

Lat. ...... Long. ——

Time of Observation 9 a.m.

Nearest Railway Station Ramsbottom

Diameter of Funnel of Rain Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 2 ins

" " " " Sea Level 955·66 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1. following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0·02	0·32	0·00	0·04	0·05	0·00	0·00	0·00	0·76	0·13	0·18	0·47	1
2	0·00	0·26	0·00	0·14	0·00	0·00	0·00	0·00	0·19	0·13	0·00	0·97	2
3	0·00	0·05	0·00	0·00	1·06	0·00	0·00	0·02	0·02	0·48	0·00	0·04	3
4	0·10	0·02	0·00	0·00	0·03	0·00	0·00	0·12	0·14	0·26	0·48	0·43	4
5	0·01	0·00	0·01	0·07	0·20	0·00	0·00	0·83	0·13	0·47	0·13	0·04	5
6	0·00	1·54	0·00	0·25	0·00	0·30	0·00	0·19	0·03	0·15	0·00	0·04	6
7	0·01	0·30	0·00	0·09	0·00	0·00	0·00	0·05	0·30	0·59	0·17	0·00	7
8	0·20	0·16	0·13	0·00	0·00	0·00	0·11	0·00	0·80	0·25	0·04	0·04	8
9	0·20	0·76	0·00	0·04	0·00	0·26	0·00	0·00	0·77	0·84	0·09	0·08	9
10	0·06	0·50	0·02	0·01	0·00	0·00	0·02	0·00	0·87	0·11	0·45	0·08	10
11	0·34	0·21	0·07	0·00	0·11	0·00	0·32	0·03	0·46	0·00	0·00	0·37	11
12	0·01	0·40	0·00	0·07	0·05	0·00	0·62	0·00	0·46	0·04	0·00	0·49	12
13	0·02	0·00	0·00	0·01	0·27	0·00	0·00	0·00	0·30	0·37	0·00	0·00	13
14	0·59	0·00	0·00	0·00	0·00	0·06	0·13	0·00	0·81	0·27	0·00	0·30	14
15	0·07	0·00	0·00	0·01	0·02	0·04	0·46	0·00	1·66	0·00	0·00	0·66	15
16	0·01	0·00	0·00	0·00	0·00	0·10	0·25	0·11	0·41	0·00	0·00	0·34	16
17	0·26	0·00	0·00	0·00	0·01	0·09	0·13	0·12	0·06	0·09	0·00	0·36	17
18	0·47	0·00	0·13	0·00	0·00	0·15	0·43	0·03	0·43	0·00	0·00	0·64	18
19	0·21	0·11	0·28	0·01	0·00	0·00	0·35	0·25	0·70	0·03	0·00	0·80	19
20	0·14	0·57	0·00	0·16	0·01	0·22	0·18	0·00	0·60	0·00	0·00	0·00	20
21	0·41	0·57	0·00	0·00	0·69	0·18	0·01	0·00	0·45	0·02	0·00	0·07	21
22	0·13	0·04	0·00	0·00	0·72	0·04	0·61	0·00	0·07	0·00	0·00	0·98	22
23	0·12	0·02	0·00	0·00	0·33	0·00	0·37	0·00	0·21	0·00	0·07	0·00	23
24	0·03	0·11	0·00	0·00	0·00	0·00	0·38	0·11	0·25	0·03	0·06	0·16	24
25	0·00	0·00	0·00	0·00	0·06	0·06	0·08	0·52	0·22	0·00	0·01	0·00	25
26	0·00	0·19	0·00	0·00	0·00	0·00	0·10	0·07	0·75	0·11	0·27	0·27	26
27	0·00	0·15	0·39	0·00	0·00	0·05	0·01	0·66	0·62	0·06	0·34	0·83	27
28	0·00	0·03	0·65	0·00	0·00	0·00	0·00	0·03	0·14	0·00	0·19	0·65	28
29	0·00	X	0·00	0·00	0·00	0·00	0·00	0·00	0·09	0·00	0·00	0·28	29
30	0·00	X	0·39	0·00	0·00	0·00	0·00	0·14	0·00	0·02	0·25	0·55	30
31	0·00	X	0·18	X	0·00	X	0·00	0·19	X	0·00	X	0·00	31
Total	3·41	6·31	2·25	0·90	3·61	1·55	4·86	3·41	12·40	4·45	2·73	9·94	YEAR'S TOTAL 56·12
Rain Days.	21	20	10	12	14	12	18	17	29	20	14	25	212

W, 6,500, VII. 18. w w c

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2664

FEB 20

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Ashworth Moor

in the County of Lancaster

by Heywood & Middleton Water Board

Lat. .... Long. ....

Time of Observation 9 A.M.

Nearest Railway Station Ramsbottom

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 2 in.

" " " " Sea Level 955 66 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. 0·00

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0„61	0„00	0„04	0„00	0„54	0„00	0„33	0„12	0„52	0„59	0„04	0.09	1
2	0„20	0„00	0„35	0„00	0„08	0„00	0„35	0„11	0„07	0„05	0„03	0„29	2
3	0„30	0„00	0„00	0„00	0„16	0„12	0„19	0„00	0„10	0„00	0„13	0„20	3
4	0„15	0„00	0„20	0„00	0„05	0„05	0„11	0„31	0„02	0„00	0„01	0„09	4
5	0„11	0„00	0„00	0„04	0„02	0„00	0„00	0„00	0„00	0„00	0„03	0„44	5
6	0„04	0„00	0„66	0„00	0„60	0„00	0„00	0„00	0„00	0„00	0„01	0„13	6
7	0„07	0„00	0„42	0„01	0„02	0„00	0„00	0„00	0„05	0„00	0„15	0„00	7
8	0„13	0„00	0„68	0„02	0„00	0„06	0„00	0„00	0„00	0„00	0„00	0„00	8
9	0„30	0„00	0„14	0„03	0„00	0„02	0„00	0„00	0„00	0„00	0„02	0„00	9
10	0„00	0„00	0„80	0„26	0„17	0„00	0„00	0„00	0„00	0„00	0„00	0„30	10
11	0„01	0„00	0„62	0„08	0„36	0„00	0„14	0„00	0„00	0„05	0„00	0„01	11
12	0„00	0„00	0„37	0„10	0„02	0„09	0„03	0„00	0„01	0„12	0„14	0„00	12
13	0„58	0„00	0„00	0„22	0„00	0„01	0„01	0„02	0„00	0„32	0„00	0„05	13
14	0„43	0„02	0„01	0„51	0„00	0„00	0„00	0„01	0„00	0„00	0„00	0„00	14
15	0„31	0„04	0„01	0„03	0„00	0„00	0„00	0„02	0„00	0„00	0„00	0„57	15
16	0„11	0„17	0„00	0„09	0„00	0„05	0„00	0„00	0„00	0„00	0„26	0„07	16
17	0„09	0„03	0„00	0„16	0„01	0„19	0„00	0„68	0„00	0„00	1„02	0„07	17
18	0„00	0„00	0„21	0„00	0„00	0„00	0„06	0„41	0„16	0„00	0„05	0„47	18
19	0„12	0„18	0„52	0„00	0„00	0„20	0„37	0„09	0„16	0„00	0„28	0„11	19
20	0„65	0„06	0„00	0„00	0„00	0„25	0„09	0„15	0„05	0„00	0„11	0„86	20
21	0„05	0„50	0„00	0„00	0„00	0„02	0„21	0„00	0„11	0„00	0„09	0„15	21
22	0„00	0„04	0„00	0„00	0„00	0„14	0„00	0„12	0„37	0„00	0„17	1„05	22
23	0„00	0„00	0„00	0„00	0„00	0„13	0„00	0„05	0„00	0„82	0„06	0„23	23
24	0„00	0„00	0„00	0„11	0„16	0„01	0„00	0„02	0„46	0„12	0„26	0„37	24
25	0„25	0„02	0„00	0„16	0„11	0„11	0„00	0„86	0„05	0„00	0„34	0„00	25
26	0„19	0„04	0„62	0„13	0„00	0„08	0„02	0„80	0„17	0„00	0„14	1„00	26
27	0„09	0„00	0„00	0„10	0„00	0„00	0„00	0„02	0„00	0„00	0„02	0„07	27
28	0„00	0„00	0„00	0„08	0„00	0„05	0„00	0„55	0„00	0„07	0„00	0„51	28
29	0„09		0„00	0„00	0„00	0„01	0„00	0„06	0„00	0„47	0„00	0„13	29
30	0„00	✕	0„08	0„19	0„00	0„17	0„00	0„00	0„00	0„10	0„32	0„32	30
31	0„00	✕	0„04	✕	0„00	✕	0„35	0„00	✕	0„00	✕	0„03	31
Total	4„88	1„10	5„17	2„32	2„30	1„76	2„26	4„40	2„30	2„71	3„68	7„61	YEAR'S TOTAL 40·49
Days with ·01 in. or more	22	10	17	18	13	19	13	18	14	10	22	25	204

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

2550

FORM A.
BRITISH RAINFALL.
24 JAN 1921

REGISTER OF RAINFALL IN 1920

Kept at Ashworth Moor
in the County of Lancaster
by Heywood & Middleton Water Board

Lat. ______ Long. ______
Time of Observation 9 A M
Nearest Railway Station Ramsbottom
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 2 in.
" " " " Sea Level 955.66 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ☐

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0"00	0"00	0"10	0"06	0"63	0"00	1"10	0"15	0"08	0"08	0"01	0"20	1
2	0"00	0"00	0"00	0"19	0"02	0"00	0"16	0"10	0"46	0"10	0"00	0"44	2
3	0"00	0"01	0"08	0"03	0"04	0"06	0"88	0"11	0"30	0"19	0"00	0"20	3
4	0"00	0"00	0"00	0"10	0"00	0"00	0"13	1"71	0"13	0"53	0"00	0"07	4
5	0"00	0"00	0"09	0"00	0"79	0"00	0"20	0"28	0"34	0"36	0"00	0"03	5
6	0"00	0"00	0"36	0"32	0"24	0"00	0"02	0"00	0"00	0"00	0"06	0"03	6
7	0"30	0"06	0"01	0"08	0"03	0"00	0"27	0"00	0"00	0"00	0"03	0"00	7
8	0"32	0"05	0"00	0"32	0"17	0"00	0"10	0"13	0"00	0"00	0"00	0"00	8
9	0"43	1"20	0"09	0"37	0"00	0"00	0"22	0"05	0"01	0"00	0"06	0"00	9
10	0"68	0"98	0"13	0"12	0"00	0"00	0"65	0"00	0"00	0"00	0"00	0"00	10
11	0"31	0"04	0"01	0"06	0"40	0"35	0"01	0"00	0"00	0"00	0"00	0"00	11
12	0"23	0"18	0"11	0"30	0"11	0"07	0"12	0"00	0"00	0"00	0"26	0"00	12
13	0"12	0"13	0"13	0"27	0"02	0"92	0"09	0"00	0"00	0"00	0"20	0"00	13
14	0"05	0"16	0"07	0"35	0"00	0"93	0"12	0"00	0"63	0"10	0"66	0"02	14
15	0"00	0"19	0"03	0"43	0"00	0"00	0"02	0"00	0"01	0"19	0"05	0"00	15
16	0"00	0"00	0"18	0"08	0"17	0"13	0"84	0"00	0"18	0"00	0"24	0"00	16
17	0"10	0"00	0"01	0"00	0"21	0"00	0"00	0"39	0"32	0"04	0"00	0"00	17
18	0"13	0"00	0"00	0"12	0"50	0"00	0"01	0"00	0"17	0"00	0"00	0"00	18
19	0"10	0"89	0"00	0"08	0"41	0"17	0"06	0"22	0"02	0"00	0"00	0"00	19
20	0"22	0"01	0"00	0"30	0"00	0"11	0"22	0"00	0"02	0"00	0"00	0"10	20
21	0"01	0"00	0"00	0"00	0"00	0"00	0"68	0"06	0"00	0"01	0"00	0"20	21
22	0"15	0"00	0"00	0"58	0"00	0"01	0"66	0"00	0"00	0"00	0"00	0"06	22
23	0"00	0"00	0"03	0"10	0"00	0"00	0"77	0"07	0"00	0"00	0"00	0"45	23
24	0"04	0"00	0"81	0"09	0"00	0"00	0"03	0"00	0"00	0"00	0"00	0"40	24
25	0"01	0"08	0"10	0"09	0"00	0"03	1"01	0"00	0"00	0"00	0"00	0"00	25
26	0"08	0"14	0"40	0"33	0"31	0"00	0"07	0"00	0"00	0"00	0"05	0"09	26
27	0"06	0"02	0"05	0"10	0"60	0"62	0"06	0"00	0"00	0"00	0"24	0"04	27
28	0"24	0"05	0"21	0"36	0"15	0"00	0"10	0"00	0"00	0"00	0"06	0"38	28
29	0"15	0"00	0"59	0"15	1"33	0"08	0"41	0"00	0"00	0"00	0"25	0"70	29
30	0"50	X	0"02	0"13	0"19	0"18	0"00	0"00	0"22	0"00	0"15	0"47	30
31	0"24	X	0"00	X	0"14	X	0"02	0"00	X	0"04	X	0"14	31
Total	4"46	4.19	3"61	5"51	6"46	3"66	9"03	3"27	2"89	1"64	2"32	4"12	YEAR'S TOTAL 51"16
Rain Days.	22 20	16 13	22 16	27 25	20 17	13 11	29 23	11 11	14 10	10 9	14 12	18 15	216 183

W. 8,000. X. 15.

FORM A2.
BRITISH RAINFALL.
31 JAN 1912

RE 19 11

ROCHDALE - BROADFIELD PK OBSV

LANCASHIRE
1911 - 1920

Kept at Broadfie

in the County of Lan

by The Medical

of top 8 in.
top above Ground ft. 6 in.
„ „ Sea Level 472 ft.
n 9-0 am.
tation { Name Rochdale
Distance 600 yd Direction Se

IMPORTANT NOTE ., and the result entered to the previous day. If an Obs st universal rule, he is earnestly requested to add the read ving year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·	·	·740	·	·060	·	·150	·050	·	·	·370	·	1
2	S+R. ·090	·	·140	·	·355	·	·020	·080	·	·050	·110	·150	2
3	·	·	·130	·	·450	-	·	·	·025	·010	·590	·045	3
4	·010	·	·210	S. ·015	·020	·	·010	·090	·060	·030	·570	·110	4
5	·215	-	·050	S. ·050	·010	·	·	·440	·	·030	·295	·035	5
6	·330	-	·050	·100	·	·	·	·440	·	·110	·540	·240	6
7	·120	·	·	·010	·	·	·	·	·	·080	·155	·020	7
8	·220	-	·300	·	·	·	·	·	·	·	·010	S+R. ·770	8
9	·050	·	·010	·	·	·	·	·	·	·	·020	S+R. ·210	9
10	·245	·110	·115	·	·	·	·	·	·010	·	·	·610	10
11	·190	·	·010	·	·010	·	·	·	·050	·	·295	·370	11
12	S. ·025	·020	·195	·	·010	·	·	·	1·320	·	·800	·010	12
13	·	·010	S. ·020	·	·155	·	·	·	·	·	·250	·520	13
14	·025	·720	·010	·	·665	·	·	·	·	·	·060	·200	14
15	·010	·345	S+R. ·025	·020	·	·	·	·	·	·020	·215	·415	15
16	·	·810	S+R. ·065	·015	·	·145	·015	·	·	·010	·205	·240	16
17	·035	·035	·055	·	·070	·400	·	·	·	·	·240	·140	17
18	-	·380	·075	·	·	·320	·	·010	-	·045	·150	·160	18
19	-	·190	·	·100	·	·150	·080	·	·300	·380	·090	·165	19
20	·	·280	·	·392	·	·010	·085	·660	·095	·270	·	·400	20
21	·010	·850	·085	·	·	·010	·020	·	·	·110	·	·280	21
22	·065	·075	·	·070	·	·025	·	·010	·	·300	·050	·015	22
23	·	·425	·010	·010	·185	·290			·270	·075	·	·290	23
24	·160	·210	S. ·010	·220	·	·935	·	·040	·	·310	·	·225	24
25	·010	R+H ·510	·	·300	·	·030	·430	·	·750	·030	·010	·310	25
26	·	R+H ·035	·	·270	·015	·100	·060	·045	·	·540	·140	·390	26
27	·040	·380	S+R. ·045	·620	·	·010	·	·580	·560	·	·015	·180	27
28	·	·350	·	·325	·	·170	·	·025	·095	·	·015	·610	28
29	·		·	·455	·	·360	·	·	·610	·620	·010	·180	29
30	·		·	·020	·050	·470	·	·	·030	·310	·010	·	30
31	·		·145		·		·	·		·065		·040	31
Total	S+R. 1·850	5·735	S+R. 2·495	S+R. 2·992	2·055	3·425	0·870	2·470	4·175	3·895	5·155	S+R 7·330	Total for Year S+R. 41·947
No. of Rain Days.	18.	18.	22.	17.	13	15.	9.	12.	13.	20.	25.	29.	211

41·947

W. 8,000, X. '11.

FORM A2.
BRITISH RAINFALL.
31 JAN 1912

RE 19 11

Kept at Broadfield Park Observy.
in the County of Lancaster 53
by The Medical Officer of Health
ag. Anderson

RAIN GAUGE
Pattern
Diameter of top 8 in.
Height of top above Ground ft. 6 in.
" " " Sea Level 472 ft.
Time of Observation 9-0 am.
Nearest Railway Station
Name Rochdale
Distance 600 yds Direction S.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·	·	·740	·	·060	·	·150	·050	·	·	·370	·	1
2	S+R. ·090	·	·140	·	·355	·	·020	·080	·	·050	·110	·150	2
3	·	·	·130	·	·450	·	·	·	·025	·010	·590	·045	3
4	·010	·	·210	S. ·015	·020	·	·010	·090	·060	·030	·570	·110	4
5	·215	·	·050	S. ·050	·010	·	·	·440	·	·030	·295	·035	5
6	·330	·	·050	·100	·	·	·	·440	·	·110	·540	·240	6
7	·120	·	·	·010	·	·	·	·	·	·080	·155	·020	7
8	·220	·	·300	·	·	·	·	·	·	·	·010	S+R. ·770	8
9	·050	·	·010	·	·	·	·	·	·	·	·020	S+R. ·210	9
10	·245	·110	·115	·	·	·	·	·	·010	·	·	·610	10
11	·190	·	·010	·	·010	·	·	·	·050	·	·295	·370	11
12	S. ·025	·020	·195	·	·010	·	·	·	1·320	·	·800	·010	12
13	·	·010	S. ·020	·	·155	·	·	·	·	·	·250	·520	13
14	·025	·720	·010	·	·665	·	·	·	·	·	·060	·200	14
15	·010	·345	S+R. ·025	·020	·	·	·	·	·	·020	·215	·415	15
16	·	·810	S+R. ·065	·015	·	·145	·015	·	·	·010	·205	·240	16
17	·035	·035	·055	·	·070	·400	·	·	·	·	·240	·140	17
18	·	·380	·075	·	·	·320	·	·010	·	·045	·150	·160	18
19	·	·190	·	·100	·	·150	·080	·	·300	·380	·090	·165	19
20	·	·280	·	·392	·	·010	·085	·660	·095	·270	·	·400	20
21	·010	·850	·085	·	·	·010	·020	·	·	·110	·	·280	21
22	·065	·075	·	·070	·	·025	·	·010	·	·300	·050	·015	22
23	·	·425	·010	·010	·185	·290			·270	·075	·	·290	23
24	·160	·210	S. ·010	·220	·	·935	·	·040	·	·310	·	·225	24
25	·010	R+H ·510	·	·300	·	·030	·430	·	·750	·030	·010	·310	25
26	·	R+H ·035	·	·270	·015	·100	·060	·045	·	·540	·140	·390	26
27	·040	·380	S+R. ·045	·620	·	·010	·	·580	·560	·	·015	·180	27
28	·	·350	·	·325	·	·170	·	·025	·095	·	·015	·610	28
29	·		·	·455	·	·360	·	·	·610	·620	·010	·180	29
30	·		·	·020	·050	·470	·	·	·030	·310	·010	·	30
31	·		·145		·		·	·		·065		·040	31
Total	S+R. 1·850	5·735	S+R. 2·495	S+R. 2·992	2·055	3·425	0·870	2·470	4·175	3·895	5·155	S+R. 7·330	Total for Year S+R. 41·947
No. of Rain Days.	18.	18.	22.	17.	13	15.	9.	12.	13.	20.	25.	29.	211.

W. 8,000, X. '11.

41·947

Returned Dec 15 [illegible]

cor for with 14·III·13

REGISTER OF RAINFALL IN 1912

FORM A.
BRITISH RAINFALL.
30 JAN 1913

Kept at Broadfield Park Observatory Rochdale

in the County of Lancashire S3

by Rochdale Corporation per A. G. Anderson M.D. Med. Officer of Health &c.

Lat. 53 Long. 45'
Time of Observation 9-0 am
Nearest Railway Station Rochdale
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground — ft. 6 in.
" " " " Sea Level 472 ft.

IMPORTANT NOTE
previous day.
requested to add
for it at the en
the selection an
Organization are
Dr. H. R. Mill

ult entered to the
le, he is earnestly
e space provided
rain,
infall
on to

Jan. 1, following.

Date.	Jan.	Feb.										Dec.	Date.
1	·040	·										·030	1
1 2	·	·										·770	1 2
2 3	·010	·040										·160	2 3
3 4	·465	·020										·200	3 4
4 5	·450	·										·010	4 5
5 6	·260	·040										·040	5 6
6 7	·390	·250										·010	6 7
7 8	·	·130										·020	7 8
8 9	·340	·320										·015	8 9
9 10	·240	·090										·170	9 10
10 11	·295	·010										·010	10 11
11 12	·135	·010										1·040	11 12
12 13	·140	·130										·150	12 13
13 14	·010	·										·530	13 14
14 15	·340	·										·440	14 15
15 16	·145	·140										·160	15 16
16 17	1·000	·015										·205	16 17
17 18	·300	·130										·420	17 18
18 19	·120	·010										·180	18 19
19 20	·090	·090										·	19 20
20 21	·220	·										·045	20 21
21 22	·010	·010										·145	21 22
22 23	·	·395										·140	22 23
23 24	·	·010	·210	·	·	·015	·450	1·120	·	·	·355	·065	23 24
24 25	·025	·020	·070	·	·010	·240	·040	·085	·	·040	·080	·120	24 25
25 26	·	·045	·100	·	·	·380	·035	·010	·	·010	·525	·140	25 26
26 27	·	·150	·180	·	·	·020	·330	·235	·	1·400	·160	·185	26 27
27 28	·	·045	·660	·	·	·610	·360	·	·	·640	·030	·185	27 28
28 29	·	·040	·035	·	·	·080	·540	·800	·020	·560	·410	·	28 29
29 30	·	·045	·020	·	·	·130	·330	·060	·135	·150	·	·250	29 30
30 31	·045		·230	·	·040	·130	·015	·020	·	·070	·030	·	30 31
31	·		·180		·280		1·600	·465		·		·020	YEAR'S TOTAL 31
Total	5·090	2·245	6·145	1·440	2·425	5·690	4·425	4·230	1·450	5·325	3·900	5·885	51·850
Rain Days.	21	24	29	9	14	24	22	24	~~10~~ 9	16	23	28	253

5·885 51·850

W. 7,500, XI. ·12

TELEPHONE: OFFICE, 171.

PUBLIC HEALTH DEPARTMENT,
TOWN HALL,
ROCHDALE.

A. G. ANDERSON, M.A., M.D., D.Sc., D.P.H.,
MEDICAL OFFICER OF HEALTH.

MAR 18 1913

Dear Sir

I beg to acknowledge with thanks the receipt of your letter of 15th inst. The necessary correction has now been made

Yours faithfully,

A. G. Anderson

Medical Officer of Health.

Hugh Robt. Mill Esq. D.Sc.
62 Camden Sq.
London

FORM A.
BRITISH RAINFALL.
30 JAN 1913

Dec. 15

Kept at Broadf

in the County of

by Rochdale Corp

dale

in.

— ft. 6 in.

472 ft.

IMPORTAN ... lt entered to the previous day. ... e, he is earnestly requested to add ... space provided for it at the en ... rain, the selection an ... infall Organization are ... on to Dr. H. R. Mill, ...

Jan. 1, following.

	Date.	Jan.	Feb.		April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.	
	1	~~·040~~		~~·045~~	~~·180~~	~~·~~	~~·280~~	~~·130~~	~~1·600~~	~~·465~~	~~·~~	~~·~~	~~·030~~	1	
1	2	·	·	·285	·	·	·020	·065	·025	·200	·	·035	·770	2	1
2	3	·010	·040	·245	·065	·100	·145	·140	·	·080	·	·010	·160	3	2
3	4	·465	·020	·105	·	·010	·410	·	·530	·640	·	·020	·200	4	3
4	5	·450	·	·510	·530	·060	·485	·	·620	·060	·	·630	·010	5	4
5	6	·260	·040	·015	·010	·330	·125	·	·015	·105	·020	·020	·040	6	5
6	7	·390	·250	·	·020	·050	·010	·	·380	·	·035	·	·010	7	6
7	8	·	·130	·065	·020	·165	·040	·095	·030	·385	·	·040	·020	8	7
8	9	·340	·320	·165	·360	·020	·020	·030	·030	·090	·	·140	·015	9	8
9	10	·240	·090	·180	·410	·015	·050	·010	·	·	·	·040	·170	10	9
10	11	·295	·010	·010	·015	·	·430	·040	·120	·	·	·910	·010	11	10
11	12	·135	·010	·	·	·	·	·020	·060	·	·	·020	1·040	12	11
12	13	·140	·130	·340	·	·	·265	·025	·	·	·	·	·150	13	12
13	14	·010	·	·010	·	·	·	·	·250	·	·350	·040	·530	14	13
14	15	·340	·	1·040	·010	·	·120	·	·200	·005	·	·	·440	15	14
15	16	·145	·140	·200	·	·620	·190	·	·040	·	·	·	·160	16	15
16	17	1·000	·015	·420	·	·050	·165	·	·140	·	·380	·040	·205	17	16
17	18	·300	·130	·210	·	·060	1·050	·	·500	·	·010	·150	·420	18	17
18	19	·120	·010	·020	·	·	·160	·015	·025	·	·500	·090	·180	19	18
19	20	·090	·090	·500	·	·	·010	·040	·380	·	·290	·085	·	20	19
20	21	·220	·	·040	·	·330	·030	·015	·500	·	·350	·	·045	21	20
21	22	·010	·010	·090	·	·190	·	·015	·010	·	·190	·010	·145	22	21
22	23	·	·395	·010	·	·365	·300	·125	·580	·	·		·140	23	22
23	24	·	·010	·210	·	·	·015	·450	1·120	·	·	·355	·065	24	23
24	25	·025	·020	·040	·	·010	·240	·040	·085	·	·040	·080	·120	25	24
25	26	·	·045	·100	·	·	·380	·035	·010	·	·010	·525	·140	26	25
26	27	·	·150	·180	·	·	·020	·330	·235	·	1·400	·160	·185	27	26
27	28	·	·045	·660	·	·	·610	·360	·	·	·640	·030	·185	28	27
28	29	·	·040	·035	·	·	·080	·540	·800	·020	·560	·410	·	29	28
29	30	·	·045	·020	·	·	·130	·330	·060	·135	·150	·	·250	30	29
30	31	·045		·230	·	·040	·130	·015	·020	·	·070	·030	·	31	30
31		·		·180		·280		1·600	·465		–		·020	YEAR'S TOTAL	31
	Total	5·090	2·245	6·145	1·440	2·425	5·690	4·425	4·230	1·450	5·325	3·900	5·885	51·850	
	Rain Days.	21	24	29	9	14	24	22	24	~~10~~ 9	16	23	28	253	

5·885 51·850

W. 7,500, XI. ·12

7 APR 1914

PUBLIC HEALTH DEPARTMENT
TOWN HALL,
ROCHDALE.

Dear Sir,

I beg to acknowledge with thanks the receipt of your letter of 4th April 1914 re rainfall.

Yours faithfully,
A G Anderson per H

ROCHDALE
6.45 PM
6 APR 14

POST CARD

THE ADDRESS TO BE WRITTEN ON THIS SIDE.

ROCHDALE
6.45 PM
6 APR 14

½ HALFPENNY ½

Hugh Robert Mill Esq. D.Sc.
British Rainfall Organ^{n}
62 Camden Sq.
London NW

Written 4-4-14

cwd for auth 3.IV.14

FORM A. BRITISH RAINFALL.

2 FEB 1914

REGISTER OF RAINFALL IN 1913.

Kept at Broadfield Park Observatory Rochdale

in the County of Lancashire

by Rochdale Corporation per A. G. Anderson, M.A. M.D. D.Sc. D.P.H. &c Medical Officer of Health

Lat. 53° Long. 45'

Time of Observation 9. 0 am

Nearest Railway Station Rochdale

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground ft. 6 in.

" " " Sea Level 477 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.125	S+R .050	.230	.080	–	–	–	–	–	–	.040	.010	1
2	.010	.140	.510	.030	–	.230	–	–	–	–	.100	.160	2
3	.080	.160	.160	–	.590	–	–	–	–	–	.040	.350	3
4	.675	.165	.035	–	.020	.010	.080	–	–	.150	.255	.485	4
5	.200	.090	.105	–	.020	.410	.090	–	.010	.060	.015	.010	5
6	.100	.200	.200	–	.650	.155	.230	–	–	.070	.010	.020	6
7	–	.190	.145	–	.420	.230	.025	–	–	.345	.110	.050	7
8	–	.165	S+R .055	–	.035	.020	—	.320	.010	.040	.110	.050	8
9	–	.230	S+R .480	.030	.100	.490	.100	.050	–	–	.160	.230	9
10	–	.030	.300	.140	.090	—	.025	–	.025	.020	.090	–	10
11	S+R .180	.010	–	S+R .435	.040	.155	–	–	–	.080	.155	.090	11
12	.090	–	–	–	.010	–	–	–	.160	–	.340	.010	12
13	.010	–	.420	.040	–	–	.055	.120	.150	.090	.335	–	13
14	.070	.020	.140	.310	–	–	–	.010	.010	.340	.395	.100	14
15	.070	.010	S+R .450	.675	–	–	–	.180	.050	.010	.310	.060	15
16	.010	–	.035	.030	–	–	.040	.010	–	–	.325	–	16
17	.030	.010	–	.160	.115	–	.190	–	.260	–	.200	–	17
18	.040	–	.305	.320	.100	.095	.175	–	–	–	.550	–	18
19	.030	–	.050	S+R .085	.100	.020	–	–	.090	.150	.410	–	19
20	.155	–	.090	.080	.020	.050	.010	–	.040	.240	.490	–	20
21	–	–	.120	–	.320	–	.160	.340	–	–	.140	–	21
22	.600	–	.500	–	.130	–	–	.440	.180	–	.010	–	22
23	.370	–	.040	–	.700	–	–	.550	.195	–	.185	S+R .140	23
24	.530	.080	–	.180	.030	.390	–	.040	–	–	.030	.040	24
25	–	–	–	.070	–	.140	–	–	.350	.030	.100	.380	25
26	–	.010	.045	.630	–	–	–	–	.120	.080	–	S+R .690	26
27	.010	.030	–	.385	–	.030	–	–	–	.240	.030	S+R .220	27
28	.420	– – –	.210	.525	.020	.015	–	–	–	.020	.035	S+R .030	28
29	.010		.220	.730	.110	–	–	.140	–	.010	.030	.020	29
30	.640		.010	–	.040	–	–	–	–	.220	.200	S+R .010	30
31	.115		.205		.145		–	–		–		–	31
Total	S+R 4.570	S R 1.620	S+R 4.570 5.420	S+R 4.935	3.805	2.770	1.130	2.500	1.640	2.315	5.530	S+R 3.185	YEAR'S TOTAL 39.420
Rain Days.	24	17	25	19	22	15	12	11	14	18	29	21	227

39.42

W.7,000, XI, 13

Ex. MG.

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
5 - JAN 1915

Kept at Rochdale (Broadfield Park)
in the County of Lancaster 5 5
by Rochdale Corporation {Health Committee
per A. G. Anderson M.D. Medical Officer of Health

Lat. 53° Long. 45'
Time of Observation 9.0 a.m.
Nearest Railway Station Rochdale
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground ft. 6 in.
" Sea Level 472 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·100	—	·070	—	—	·025	·660	·210	—	·040	—	·280	1
2	·030	—	·055	·010	·010	—	·215	·930	—	·080	·110	·180	2
3	·140	—	·260	—	·360	—	·050	·230	—	·050	·010	·530	3
4	·670	—	·320	·425	·405	—	—	·040	—	—	·090	·310	4
5	S, R ·210	—	·620	·180	·050	·140	·040	·010	—	·010	·260	·200	5
6	—	·030	·060	·200	·280	·100	·040	·090	—	—	·080	·025	6
7	·070	·025	·190	·060	·330	·060	—	·050	—	—	·030	·270	7
8	·820	·010	·015	·010	·290	·250	—	·440	·040	·020	·040	·100	8
9	·490	·180	·010	·260	·055	·960	—	·380	·050	—	·220	·010	9
10	·040	·110	S ·050	·170	·080	—	—	—	·150	—	·095	—	10
11	—	·250	·530	·025	·040	·040	·120	—	·440	—	1·310	·090	11
12	—	·185	·110	—	·120	—	·240	—	1·170	—	·870	·060	12
13	—	·220	·170	·040	·015	—	·070	—	·220	—	·600	·185	13
14	·030	·300	·175	—	H. —	—	·020	—	·155	—	S. ·210	·290	14
15	·010	·035	·520	—	—	—	—	—	·140	·010	·140	·010	15
16	·015	·010	·090	—	—	—	1·020	—	·690	—	—	·020	16
17	·040	·640	S & R. ·150	—	—	·310	·190	—	·610	—	—	1·030	17
18	—	·045	·030	—	—	·170	·010	—	·040	—	—	·090	18
19	—	·040	·065	—	—	—	·050	—	·130	—	·025	S. & R. ·370	19
20	S ·010	·170	·080	—	—	·070	—	—	·010	·010	—	·015	20
21	—	·180	·010	—	—	·180	·025	·010	—	·065	—	·040	21
22	—	·400	·020	·030	·090	·580	·015	·100	—	·030	—	·010	22
23	—	·025	·200	·245	·170	·065	·220	—	—	—	·030	·020	23
24	·090	·010	·900	·050	·130	·060	·600	·570	—	—	·250	·010	24
25	·080	—	·010	—	—	—	·460	·380	—	1·050	·120	·700	25
26	·090	—	·055	—	—	—	·020	·010	—	·345	·320	·300	26
27	·085	·010	·010	—	—	—	—	—	—	·500	·380	S & R. 1·120	27
28	·090	·190	·155	—	·030	·010	·020	—	·035	·010	·375	·035	28
29	·160		·160	—	·040	—	—	·060	—	·260	·140	S. & R ·070	29
30	·020		·305	—	—	—	—	·055	—	·010	·210	·230	30
31	·650		·370		—		·750	—		·090		·010	31
Total	3·940	3·065	5·765	1·705	2·495	3·020	4·835	3·565	3·880	2·580	5·915	6·610	YEAR'S TOTAL 47·375
Rain Days.	22	21	31	13	17	15	21	16	14	16	23	30	239

W. 8,000. X. 14.

3048

FORM A.
BRITISH RAINFALL.

JAN 1916

REGISTER OF RAINFALL IN 1915

Kept at Broadfield Park Observatory
in the County of Lancaster [illegible] Esq DL
by Al. Anderson Esqr M.D. D.P.H. &c
Medical Officer of Health

Lat. 53° 45' Long. 2° 10' West
Time of Observation 9·0 am
Nearest Railway Station Rochdale
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground ' ft. 6 in.
" " " " Sea Level 472 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. —

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·120	·590	S. & R. ·060	—	·270	—	·130	·170	·250	—	~~·200~~	~~·010~~	1
2	·015	·400	·400	·360	—	·060	·500	·340	—	·090	·010	·150	2
3	S. & R. ·530	·010	·130	·460	—	—	·330	·140	—	·010	—	·015	3
4	·020	·260	·030	—	·100	·020	·610	—	·020	—	·010	·530	4
5	·220	·140	·250	—	·030	·040	—	·025	—	—	—	·400	5
6	·370	·040	·040	·500	—	—	·560	·165	—	—	·020	·750	6
7	·680	·570	—	·145	·160	—	·250	·410	—	—	·025	·630	7
8	·215	S. & R. ·140	—	·050	—	—	—	·190	—	—	—	·230	8
9	—	·040	—	·035	—	—	·020	·060	—	·025	·400	—	9
10	·930	—	·115	·030	—	—	·035	1·250	—	·060	·320	S. & R. ·460	10
11	·350	—	·050	·010	·640	—	·140	·460	—	—	·090	·270	11
12	·420	—	—	·080	S&R ·040	—	·070	·350	—	·470	·130	S. & R. ·570	12
13	·335	S. & R. ·390	·010	—	—	—	·060	·400	—	·020	S. & R. ·980	—	13
14	·270	—	·010	·080	—	—	·060	·520	·090	·030	—	·130	14
15	1·380	—	—	—	—	—	·060	·090	·040	—	—	·300	15
16	—	·530	—	·025	·275	—	·820	·500	—	—	S. & R. ·350	·240	16
17	—	·490	S. & R. ·030	—	—	—	·025	—	—	—	—	·040	17
18	·035	·440	S. ·500	—	—	—	—	—	—	·010	—	·010	18
19	·050	·190	S. & R. ·230	·095	·150	—	·280	—	—	—	·010	—	19
20	·500	·030	·030	—	·055	—	·110	·090	—	—	—	—	20
21	S. & R. ·220	S. & R. ·075	—	·060	—	—	·220	—	—	—	—	·380	21
22	·040	—	·100	·010	—	·020	·230	—	—	—	—	·185	22
23	—	S. ·030	·130	·020	—	·010	·310	—	·050	·280	—	·320	23
24	—	—	·070	·040	—	·020	—	—	·280	·055	—	·180	24
25	·010	—	·010	—	—	·580	—	—	·110	·030	—	·460	25
26	·010	S. & R. ·580	S. ·010	—	—	·220	·220	—	·100	—	—	·300	26
27	—	S. & R. ·250	S. ·010	—	—	·020	·100	—	—	·650	—	·440	27
28	—	S. & R. ·450	S. ·020	—	·040	·060	·050	·410	—	·240	—	·375	28
29	S. ·020	—	—	—	·030	·130	—	·050	—	—	—	·020	29
30	S. ·200	X	—	·090	—	·170	—	·075	—	—	·220	·065	30
31	·230	X	—	X	—	X	·020	·730	X	·200	~~·010~~ X	·010	31
Total	7·170	S. & R. 5·645	2·235	2·090	1·790	1·350	5·210	6·425	·940	2·170	~~2·765~~ 2·575	·350 ~~7·470~~ 7·810	YEAR'S TOTAL ~~45·260~~ 45·410
Rain Days	24	20	21	17	11	12	24	20	8	14	13	27	211

W. 8,000. X. 15. For the months of Novr and December, the figures for each day should read as previous day

End FW

2961

REGISTER OF RAINFALL IN 1916.

FORM A.
BRITISH RAINFALL.

4 JAN 1917

Kept at Broadfield Park Rochdale (County Boro')
in the County of Lancaster.
by Rochdale Corporation (Public Health Dept.)

Lat. 53° 45' Long. 2° 10' West
Time of Observation 9.0 A.M. (for previous day)
Nearest Railway Station L&Y. Rochdale
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground — ft. 6 in.
" " " " Sea Level 472 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following: X

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·260	·100	·100	—	—	·370	·530	·050	—	—	·310	—	1
2	·350	·230	·060	—	—	·030	·010	—	·310	·300	·050	—	2
3	—	·205	(S) ·020	·010	·010	·040	·040	—	·450	·370	·150	·020	3
4	·110	·260	—	—	·500	1·060	·010	—	·140	·880	·320	—	4
5	·280	·300	—	—	·020	·210	—	—	—	1·370	·240	—	5
6	·950	·530	(S) ·060	—	·400	·120	·230	—	—	·250	·420	·075	6
7	·050	·150	(S) ·040	—	·340	·045	·050	—	—	·440	·040	·450	7
8	·025	(S+R) ·140	(S) ·175	·010	·010	·055	—	—	—	·090	·490	·030	8
9	·150	(S) ·020	·030	·010	·215	·100	·080	—	—	·010	·335	·080	9
10	·040	(S+R) ·165	·020	·160	—	·040	·050	—	—	·110	·025	·040	10
11	·110	(S+R) ·470	·100	·680	·025	·045	·060	—	·024	—	·010	(S+R) ·150	11
12	·230	·250	·160	·160	·380	—	·740	·050	·030	·220	·020	·010	12
13	—	·235	·050	·190	·010	—	·020	·550	·020	1·550	·010	·100	13
14	·060	(S+R) ·260	—	(S+R) ·340	·500	—	—	·150	·070	·160	—	·015	14
15	·020	·480	·375	·050	·010	—	·080	·550	·180	·075	—	—	15
16	·050	(S+R) ·430	·600	·430	·020	—	·210	·450	·020	·060	—	—	16
17	·175	·200	—	·720	—	—	·080	·030	·940	·170	(S) ·020	—	17
18	—	·500	—	·170	—	—	—	·050	·330	·150	(S+R) ·310	(S) ·300	18
19	·250	·020	·220	·250	—	—	—	·120	·025	—	·140	—	19
20	·430	—	·140	·200	·220	—	·020	·040	—	—	·060	·050	20
21	·120	—	·020	·010	·250	—	·030	—	—	—	—	·010	21
22	—	(S+R.) ·050	—	—	—	·110	—	—	—	·210	—	·050	22
23	·030	(S) ·020	(S) ·080	·155	—	—	—	·050	—	·060	·320	·210	23
24	—	(S) ·180	·020	·030	—	·030	—	·190	—	·015	—	·080	24
25	·210	(S) ·120	(S+R.) ·200	—	·090	·030	—	·190	—	·040	·385	·065	25
26	·140	(S) ·070	(S+R.) ·240	—	—	—	—	·010	—	·010	·025	—	26
27	·010	(S+R) ·410	(S+R) ·050	—	·035	—	—	·185	—	·380	·010	—	27
28	·015	·210	·020	—	·010	·090	—	—	—	·670	·060	·560	28
29	—	·080	—	—	—	·140	·010	—	—	·380	·010	·750	29
30	·025	X	—	—	—	·060	·020	—	—	·980	·050	·100	30
31	—	X	—	X	·090	X	—	·070	X	·190	X	·260	31
Total	4·090	6·085	2·780	3·575	3·135	2·575	2·270	2·735	2·539	9·140	3·810	3·405	YEAR'S TOTAL 46·139
Rain Days.	24	27	22	17	19	17	18	16	12	26	24	21	243

W. 8,000, VIII. 16

REGISTER OF RAINFALL IN 1917

FORM A.
BRITISH RAINFALL.
26. JAN 1918

Kept at Rochdale (Broadfall Park)

in the County of Lancaster

by Rochdale Corporation Public Health Dept.

Lat. 53° 45' Long. 2° 10' west

Time of Observation 9-0 am

Nearest Railway Station Rochdale (L&Y)

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground — ft. 6 in.

" " " " Sea Level 472 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·090	—	—	S ·275	—	·320	—	·090	·230	—	·230	·200	1
2	·670	—	—	·180	—	·090	—	·040	·045	·020	·020	—	2
3	·155	S ·295	—	·020	—	·290	—	·010	—	·620	·080	S&R ·075	3
4	·070	S ·080	·020	—	—	—	—	—	—	·690	·010	—	4
5	·350	—		S&R ·190	—	—	—	·040	·020	·250	·300	·040	5
6	·070	—	S&R ·030	—	—	·360	—	—	—	·480	·340	·190	6
7	S&R ·740	—	·020	—	—	·060	—	—	—	1·250	·070	·130	7
8	S&R ·520	—	—	S&R ·300	—	—	—	·340	·020	1·220	·490	S&R ·200	8
9	—	—	·030	S ·100	·030	—	—	·350	—	·210	·600	·020	9
10	S&R ·400	—	·630	·210	·250	—	—	·060	—	·030	—	—	10
11	·170	S ·020	·010	S (·090)	—	—	—	·030	—	·550	·040	—	11
12	·085	—	·010	·050	·460	—	—	·180	·010	·470	·010	·090	12
13	S ·030	—	—	·240	·100	—	—	·045	·680	·035	·050	·540	13
14	S ·090	—	—	·150	·020	—	—	·730	—	—	—	·420	14
15	S ·040	—	—	·060	—	—	·860	·020	·220	·090	—	·350	15
16	S ·020	·070	·010	·320	—	—	—	·370	·020	·050	·040	S&R ·300	16
17	—	·100	·340	·380	·090	—	·335	1·640	·020	·100	·030	S ·050	17
18	·150	—	·130	·040	·050	—	·730	·300	·250	·060	·010	—	18
19	·030	·200	·250	—	1·400	·110	—	·010	—	—	·070	·010	19
20	·035	·285	·010	—	·050	·365	—	·120	·250	—	·410	—	20
21	—	·020	S ·080	—	·080	·030	—	·440	·020	·100	·020	—	21
22	—	—	·020	—	—	—	—	·310	·275	·380	·125	—	22
23	—	·140	—	—	·155	·180	·015	·140	·060	·160	·010	·100	23
24	—	—	—	—	—	·060	·010	·240	—	·950	·350	·080	24
25	—	·100	·104	—	—	—	—	·175	·010	·300	S ·100	—	25
26	—	—	S ·010	—	—	·215	—	·720	·350	·200	1·250	—	26
27	—	—	S&R ·030	—	·370	·160	·470	·420	—	S&R ·150	·275	·050	27
28	—	·040	·420	—	—	—	—	·330	·030	S&R ·130	·070	S&R ·080	28
29	—		·120	—	·065	—	·080	·110	—	·500	·180	·140	29
30	S ·020	X	S&R ·380	—	—	—	—	·110	—	·170	·130	·010	30
31	—	X	S&R ·380	X	·025	X	—	·380	X	—	X	·030	31
Total	3·735	1·350	3·034	2·585	3·145	2·240	2·500	7·750	2·570	9·765	5·310	3·105	YEAR'S TOTAL 46·29
Rain Days.	19	11	21	15	14	12	7	28	17	26	27	21	218

W. 8,000, IX. 17.

W.E.F.E.

54

REGISTER OF RAINFALL IN 1918

FORM A. BRITISH RAINFALL. 18.

Kept at Rochdale (Broadfield Park)
in the County of S Lancaster
by Rochdale Corporation (Public Health Dept)

Lat. 53°45' Long. 2°10' west
Time of Observation 9.0 am (for previous day)
Nearest Railway Station Rochdale L&Y
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground — ft. 6 in.
" " " " Sea Level 472 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ✓

Date.	**Jan.**	**Feb.**	**March.**	**April.**	**May.**	**June.**	**July.**	**Aug.**	**Sept.**	**Oct.**	**Nov.**	**Dec.**	*Date.*
1	·010	·400	·010	·080	·040	·	·	·	·750	·140	·170	·440	1
2	·020	·350	·010	·130	·	·	·	·	·220	·060	·	·890	2
3	··	·055	·010	·	·750	·	·	·050	·030	·420	·010	·030	3
4	·050	·030	·015	·	·	·	·	·230	·075	·260	·510	·410	4
5	·040	·	·040	·170	·100	·050	·	·750	·300	·485	·190	·030	5
6	·120	1·900	·010	·330	·	·270	·	·220	·010	·200	·	·030	6
7	·020	·220	·	·270	·010	·	·010	·040	·240	·600	·185	·	7
8	·250	·150	·070	·	·	·	·190	·040	·860	·340	·100	·050	8
9	·350	·770	·	·010	·	·250	·010	·	·920	·720	·080	·070	9
10	·060	·430	·050		·	·	·040	·	·860	·145	·320	·050	10
11	·435	·200	·060	·	·060	·	·180	·030	·500	·	·	·300	11
12	·140	·460	·	·130	·040	·	·300	·	·315	·	·	(650)	12
13	·050	·	·	·020	·350	·010	·	·	·500	·300	·	·010	13
14	·820	·	·	·	·010	·190	·160	·010	·530	·165	·	·400	14
15	·060	·	·	·	·030	·040	·620	·	1·700	·010	·020	·610	15
16	·050	·	·	·	··	·020	·090	·050	·350	·	·	·480	16
17	·310	·	·	·	·040	·070	·120	·220	·210	·080	·	·410	17
18	·550	·	·150	·010	·	·070	·450	·030	·500	·	·	·750	18
19	·240	·120	·210	·085	·	·	·280	·230	·680	·030	·	·725	19
20	·165	·600	·	·130	·	·210	·720	·	·850	·	·	·	20
21	·270	·730	·	·030	·120	·280	·020	·	·670	·120	·	·050	21
22	·130	·040	·	·	·820	·065	·450	·010	·150	·010	·	·930	22
23	·090	·020	·	·	·120	·010	·340	·	·150	·	·090	·050	23
24	·020	·100	·	·	·	·	·080	·200	·250	·040	·060	·160	24
25	·	·	·	·	·030	·050	·220	·430	·450	·010	·020	·	25
26	·	·200	·	·	·	·	·055	·040	·620	·090	·320	·280	26
27	·	·240	·410	·	·	·050	·	·540	·500	·055	·280	·780	27
28	·	·070	·630	·	·	·	·	·050	·160	·	·180	·645	28
29	·		·010	·	·	·	·	··	·070	·	·	·260	29
30	·		·370	·	·	·	·	·170	·010	·040	·340	·350	30
31	·		·330		·		·	·230		·010		·010	31
Total	4·250	7·085	2·385	1·395	2·520	1·635	4·335	3·570	13·330	4·330	2·875	9·810	YEAR'S TOTAL 57·520
Rain Days.	23	20	16	12	14	15	19	20	30	23	16	28	236

W. 6,500, VII. 18. W W C

24 RR

2661

Form A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1919.

17 JAN 20

Kept at Rochdale (Broadfield Park)
in the County of Lancaster
by Rochdale Corporation (Public Health Department)

Lat. 53° 45° Long. 2° 10' West
Time of Observation 9 0 am. (for previous day)
Nearest Railway Station Rochdale L. & Y.
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground . ft. 6 in.
" " " " Sea Level 472 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ✓

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·650	-	·04	-	·715	-	·3	·12	·43	·5	·04	·15	1
2	·240	-	·39	-	·07	-	·21	·08	·05	·05	·03	·34	2
3	·420	-	-	-	·100	·1	·12	·01	·045	-	·16	·19	3
4	·350	·04	·25	-	·030	·02	·15	·2	·03	-	·02	·17	4
5	·060	-	-	·04	·100	-	-	-	-	-	·02	·5	5
6	·025	-	·63	-	·512	-	-	-	·01	-	-	·15	6
7	·090	-	·43	·03	·020	-	-	-	·05	-	·2		7
8	·160	-	·085	·02	-	·14	-	-	-	·01	-		8
9	·380	-	·18	·08	-	·01	-	-	-	-	·04		9
10	-	-	1·00	·25	-	-	-	-	-	-	·02	·415	10
11	·020	-	·70	·24	·160	-	·17	-	·01	·06	·01	·02	11
12	·030	-	·52	·12	·100	·2	·08	-	·05	·14	·12	·01	12
13	·480	-	-	·36	-	·02	·02	·03	-	·27	-	·05	13
14	·520	·01	-	·27	-	-	-	·01	-	·02	·08	·01	14
15	·350	·05	·04	·03	-	-	-	·02	-	·02	·01	·42	15
16	·130	·24	-	·08	·010	·05	-	-	-	-	·25	·05	16
17	·115	·065	-	·15	·060	·47	-	·54	-	-	1·17	·06	17
18	-	-	·44	-	-	-	·06	·6	·17	-	·05	·56	18
19	·090	·2	·56	-	-	·21	·67	·14	·04	-	·21	·07	19
20	·500	·09	·1	-	-	·32	·18	·03	·03	-	·14	1·1	20
21	·05	·47	·02	-	-	·01	·23	-	·1	-	·09	·23	21
22	-	·05	-	-	-	·14	-	·15	·42	-	·18	1·00	22
23	·01	-	-	·03	-	·15	-	·02	-	·78	·11	·33	23
24	·01	-	-	·12	·26	·03	-	·03	·46	·2	·37	·5	24
25	·27	·03	-	·23	·11	·12	-	·8	·12	-	·35	·03	25
26	·15	-	·72	·25	-	·07	-	·92	·1	-	·08	1·00	26
27	·21	-	·05	·15	-	·01	-	·06	-	-	-	·13	27
28	-	-	-	·04	-	·035	-	·36	-	·05	-	·55	28
29	·07		-	-	-	·1	-	·03	-	·46	-	·12	29
30	·01		·15	·19	-	·04	-	-	-	·14	·28	·28	30
31	·01		·05		-		·38	·02		·01		·05	31
Total	5·4	1·245	6·355	2·68	2·247	2·245	2·57	4·17	2·115	2·71	4·03	8·485	Year's Total 44·252
Days with ·01 in. or more	27	10	19	19	13	20	12	20	16	14	24	28	222

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

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2048

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Broadfield Park Observatory Rochdale

in the County of Lancaster

by Rochdale Corporation (Public Health Department)

Lat. 53° 45° Long. 2° 10' West

Time of Observation 9.0 a.m. (For Previous day)

Nearest Railway Station Rochdale (L & Y. Ry)

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground ft. 6 in.

" " " " Sea Level 472 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.01	.	.09	.15	.45	.	1.4	.05	.13	.05	.03	.17	1
2	.02	.	.03	.14	.03	.	.37	.26	.32	.11		.31	2
3	.	.05	.07	.07	.09	.03	.5	.09	.31	.08	.	.27	3
4	.04	.	.01	.075	.04	.	.1	1.4	.04	.48	.	.03	4
5	.	.	.08	.	.75	.	.2	.26	.24	.34	.	.05	5
6	.	.	.54	.37	.16	.	.03	.	.01	.	.04	.05	6
7	.27	.06	.12	.1	.02	.	.25	.	.	.	.02	.	7
8	.25	.08	.	.28	.1	.	.15	.09	.04	.	.	.	8
9	.42	1.4	.05	.35	.	.	.44	.13	.01	.	.07	.03	9
10	.82	1.0	.1	.1	.	.	.67	.	.	.	.	.	10
11	.34	.08	.02	.04	.31	.21	.02	.01	.01	.	.	.12	11
12	.25	.27	.17	.22	.04	.04	.16	.02	.01	.	.22	.06	12
13	.18	.07	.3	.31	.02	.52	.03	.	.	.	.1	.02	13
14	.06	.17	.12	.37		.67	.12	.	.79	.04	.74	.02	14
15	.02	.2	.03	.47		.	.	.	.02	.27	.05	.	15
16	.	.	.24	.1	.08	.05	.71	.	.17	.	.12		16
17	.1	.	.05	.	.24		.01	.31	.52	.02	.	.	17
18	.18	.	.	.32	[illegible]		.08	.01	.26	.	.		18
19	.09	.98	.	.09	.54	.18	.03	.2	.	.	.		19
20	.22	.02	.	.19	.	.125	.31	.	.	.	.	.17	20
21	.03	.	.	.05	.		.57	.03	.	.01	.	.3	21
22	.09	.	.	.54		[illegible]	.62	.02	.	.	.	.07	22
23	.	.	.05	.13	.	.	.6	.03	.	.	.	.49	23
24	.03	.	.59	.1	.	.01	.02	.	.	.	.	.32	24
25	.	.07	.07	.12	.	.03	1.0	.	.	.	.		25
26	.13	.17	.46	.52	.39	.	.03	.	.	.	.07	.05	26
27	.13	.03	.06	.04	.6	.61	.04	.	.	.	.25	.04	27
28	.83	.05	.3	.3	.19	.1	.04	.	.	.	.04	.31	28
29	.19	.	.5	.24	1.02	.04	.45	.	.	.	.27	.65	29
30	.5		.02	.13	.23	.15	.	.	.19	.	.14	.54	30
31	.27		.02		.18		.08			.1		.15	31
TOTAL	5.47	4.7	4.09	5.915	6.08	2.805	9.03	2.91	3.07	1.5	2.16	4.22	YEAR'S TOTAL 51.95
Days with .01 in. or more	25	16	25	28	21	15	29	15	16	10	14	22	236
Days with .04 in. or more	20	14	19	28	18	12	22	9	11	8	12	18	191

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

✓ W.D. cod. 1. V. 12

REGI

LANCASHIRE

ROCHDALE - COWM WHITWORTH

1911 - 1920

FORM A2.
BRITISH RAINFALL.
12 APR 1912

Kept at Cowm W

in the County of Lanca

by Rochdale Corporation

in. } as previously furnished

e Ground ft.

Sea Level ft.

am

Name

Distance Direction

IMPORTANT NOTE.— d the result entered to the previous day. If an Observ iversal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. 0·03

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	490	0	550	110	0	0	470	0	0	0	160	040	1
2	0	0	1·130	0	040	0	270	030	0	0	590	0	2
3	·170	0	330	0	290	0	0	090	0	170	110	200	3
4	0	0	300	0	520	0	0	0	050	030	1·090	100	4
5	0	0	250	020	0	0	0	180	090	100	1·030	280	5
6	·200	0	090	0	030	0	0	620	0	020	·500	090	6
7	·380	0	070	140	0	0	0	810	0	130	690	170	7
8	140	0	0	0	0	0	0	0	0	130	200	0	8
9	·350	0	520	0	0	0	0	0	140	080	0	900	9
10	·070	0	0	0	0	0	0	0	0	0	030	230	10
11	·360	130	410	0	0	0	0	0	0	0	0	630	11
12	·380	0	0	0	0	0	0	0	040	0	270	520	12
13	0	0	340	0	0	0	0	0	1·420	0	850	0	13
14	0	020	020	0	260	0	0	0	0	0	400	550	14
15	090	1·270	0	0	960	0	0	0	0	0	100	190	15
16	0	520	070	050	0	0	040	0	0	070	380	500	16
17	0	1·320	060	0	0	160	0	0	0	020	260	340	17
18	060	070	060	0	0	700	0	0	0	0	260	150	18
19	0	820	080	0	0	230	0	020	0	060	290	190	19
20	0	220	0	160	0	260	080	0	390	540	160	170	20
21	0	360	0	660	0	0	050	700	050	300	0	390	21
22	020	1·520	060	0	0	0	030	0	0	160	0	450	22
23	060	100	0	080	0	100	0	020	0	280	110	0	23
24	0	660	0	0	470	350	0	0	564	150	0	300	24
25	400	350	0	270	0	1·520	0	060	0	380	0	230	25
26	050	840	0	710	0	060	150	0	1·050	060	0	460	26
27	0	070	0	310	0	070	0	200	0	630	250	350	27
28	060	980	060	450	0	0	0	740	950	0	0	130	28
29	0		0	410	0	390	0	0	150	0	060	480	29
30	0		0	630	0	470	0	0	1·020	1·360	0	150	30
31	0		0		070		0	0		360		0	31
	–	·55	·19	–		·47	–	–	–	·16	·04	·03	
Total	~~3·280~~ 2·79	~~9·250~~ 9·80	~~4400~~ 3·96	~~4·000~~ 3·89	~~2640~~ 2·64	~~4·310~~ 4·78	~~1090~~ ·62	~~3470~~ 3·47	~~5910~~ 5·91	~~5·030~~ 5·19	~~7790~~ 7·67	~~8190~~ 8·18	TOTAL for year 58·90 ~~59·360~~ ·78
No. of Rain Days.	~~16~~ 15	~~16~~ 17	17	~~13~~ 12	8	~~11~~ 12	~~7~~ 6	11	12	~~20~~ 21	21	26	

W. 8,000, X. '11.

✓ W.D. cord. 1.V.12

REGISTER OF RAINFALL IN

FORM A2.
BRITISH RAINFALL.
12 APR 1912

Kept at Cowm Reservoir

in the County of Lancaster S3

by Rochdale Corporation (Water Works)

RAIN GAUGE
Pattern
Diameter of top .... in.
Height of top above Ground .... ft.
" " " Sea Level .... ft.
[illegible] furnished

Time of Observation 9. am

Nearest Railway Station
Name
Distance .... Direction ....

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. 0·03

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	490	0	550	110	0	0	470	0	0	0	160	040	1
2	0	0	1·130	0	040	0	270	030	0	0	590	0	2
3	·170	0	330	0	290	0	0	090	0	170	110	200	3
4	0	0	300	0	520	0	0	0	050	030	1·090	100	4
5	0	0	250	020	0	0	0	180	090	100	1·030	280	5
6	·200	0	090	0	030	0	0	620	0	020	·500	090	6
7	·380	0	070	140	0	0	0	810	0	130	690	170	7
8	140	0	0	0	0	0	0	0	0	130	200	0	8
9	·350	0	520	0	0	0	0	0	140	080	0	900	9
10	·070	0	0	0	0	0	0	0	0	0	030	230	10
11	·360	130	410	0	0	0	0	0	0	0	0	630	11
12	·380	0	0	0	0	0	0	0	040	0	270	520	12
13	0	0	340	0	0	0	0	0	1·420	0	850	0	13
14	0	020	020	0	260	0	0	0	0	0	400	550	14
15	090	1·270	0	0	960	0	0	0	0	0	100	190	15
16	0	520	070	050	0	0	040	0	0	070	380	500	16
17	0	1·320	060	0	0	160	0	0	0	020	260	340	17
18	060	070	060	0	0	700	0	0	0	0	260	150	18
19	0	820	080	0	0	230	0	020	0	060	290	190	19
20	0	220	0	160	0	260	080	0	390	540	160	170	20
21	0	360	0	660	0	0	050	700	050	300	0	390	21
22	020	1·520	060	0	0	0	030	0	0	160	0	450	22
23	060	100	0	080	0	100	0	020	0	280	110	0	23
24	0	660	0	0	470	350	0	0	564	150	0	300	24
25	400	350	0	270	0	1·520	0	060	0	380	0	230	25
26	050	840	0	710	0	060	150	0	1·050	060	0	460	26
27	0	070	0	310	0	070	0	200	0	630	250	350	27
28	060	980	060	450	0	0	0	740	950	0	0	130	28
29	0		0	410	0	390	0	0	150	0	060	480	29
30	0		0	630	0	470	0	0	1·020	1·360	0	150	30
31	0		0		070		0	0		360		0	31
	–	·55	·19	–		·47	–	–	–	·16	·04	·03	
Total	~~3·280~~	~~9·250~~	~~4·400~~	~~4·000~~	~~2·640~~	4·310	~~1·090~~	3·470	5·910	~~5·030~~	~~7·790~~	8·190	TOTAL for year
	2·79	9·80	3·96	3·89	2·64	4·78	·62	3·47	5·91	5·19	7·67	8·18	58·90 ~~59·360~~ -·78
No. of Rain Days.	~~16~~ 15	~~16~~ 17	17	~~13~~ 12	8	~~11~~ 12	~~7~~ 6	11	12	~~20~~ 21	21	26	

W. 8,000, X. '11.

Early obsr. 27.III.13 Cor. for WD. 14.V.13.

FORM A. BRITISH RAINFALL.

1 FEB 1913

REGISTER OF RAINFALL IN 1912

Kept at Cowm Reservoir

in the County of Lancashire S3

by Rochdale Corporation Water Wks Dept.

Lat. Long.

Time of Observation 9. am

Nearest Railway Station Whitworth

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 7 in.

" " " " Sea Level 760 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·05

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	03	·	07	180	·	33	15	140	58	·	·	·	1
2	·	·	24	0	0	03	08	03	18	·	04	106	2
3	·	·	26	06	11	16	23	·	14	0	·	25	3
4	50	·	17	·	·	39	·	52	96	·	03	19	4
5	53	·	61	55	08	65	·	86	06	0	54	·	5
6	33	·	08	·	50	07	·	07	12	3	03	06	6
7	39	33	·	03	10	·	·	44	0	2	0	0	7
8	·	11	03	03	21	03	02	07	36	·	05	02	8
9	37	35	14	26	·	02	0	06	06	·	09	·	9
10	18	09	24	44	·	05	03	05	·	·	12	27	10
11	25	·	·	03	·	35	13	17	·	·	95	·	11
12	10	03	·	·	·		05	05	·	·	·	78	12
13	11	~~22~~ ·25	54	·	·	45	03	·	·	·	·	17	13
14	·	·	·	·	·	·	·	32	·	40	·	67	14
15	49	·	95	·	·	19	·	28	·	·	·	47	15
16	12	~~24~~ ·18	36	·	59	34	·	04	·	4	·	19	16
17	54	~~04~~ ·03	46	·	07	07	·	30	·	38	05	24	17
18	13	~~18~~ 13	23	·	07	105	·	50	·	·	15	61	18
19	06	~~02~~	02	·	·	09	·	05	·	56	08	16	19
20	11	~~09~~ ·07	37	·	·	08	07	36	·	74	08	·	20
21	28	·	04	·	34	04	04	56	·	49	·	05	21
22	·	~~02~~	34	·	17	·	·	04	·	25	·	22	22
23	·	~~45~~ ·35	·	·	48	31	09	74	·	·	02	09	23
24	·	·	23	·	·	11	57	96	·	·	42	10	24
25	06	~~09~~ 08	05	·	·	54	05	08	·	2	09	12	25
26	·	~~08~~ 05	10	·	·	47	02	·	·	·	69	17	26
27	·	~~18~~ ·14	20	·	·	·	39	30	·	205	25	13	27
28	·	~~10~~ 13	71	·	·	66	35	·	·	66	05	27	28
29	·	~~08~~ 06	·	·	·	23	62	94	·	56	35	03	29
30	·		05	·	·	11	75	04	14	18	·	27	30
31	05		38		10		02	·		07		·	31
Total	~~463~~ –	~~238~~ ·07	~~687~~ 1.82	~~158~~ –	~~282~~ ·33	~~682~~ ·15	~~369~~ 1.40	~~923~~ ·58	~~260~~ –	~~645~~ –	~~408~~ –	~~659~~ ·05	YEAR'S TOTAL ~~5774~~
Rain Days.	~~19~~ 18	~~16~~ 17	25	~~8~~ 7	~~12~~ 13	25	19	26	~~9~~ 8	15	19	~~24~~ 25	217
	4.60	2.45	~~8.6~~ 6.98	1.40	3.15	6.64	4.94	8.41	2.02	6.45	4.08	6.64	57.76

W. 7,500, XI. 12

FORM C.
BRITISH RAINFALL.
12,000, X. 11.

PLEASE fill in spaces.

RAINFALL at Cowm Reservoir in the Month of February 1912

DATE	Inches	REMARKS ON THE DAYS.
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	.33	33
8	·11	.11
9	.35	.35
10	·09	.09
11	-	-
12	·03	.03
13	·22	.25
14	-	.-
15	-	-
16	·24	.18
17	·04	.03
18	·18	.13
19	·02	-
20	·09	.07
21	-	.-
22	·02	-
23	·45	.35
24	-	-
25	·09	.08
26	·08	.05
27	·18	.14
28	·10	.13
29	·08	.06 = 2·38
30		Adds to 2·70 in
31		+ 18 days
TOTAL	2·38	No. of Days with Rain 16

NOTE.—Observations returned on this form should be made at 9 a.m. daily, and entered *to the day preceding* that on which the amount is measured. If this is not done the reading on 1st of following month should be entered in the triangular space below.

1st of following month.

POST CARD.

ADDITIONAL REMARKS.

OPTIONAL OBSERVATIONS.

Max. Temp. in shade ° on the

Min. ,, ,, ,, ° on the

Temp. in shade, at or below 32° on days.

,, on grass, ,, ,, 32° on days.

SIGNED ....

No writing on this side of the line.

POSTAGE
ONE
HALFPENNY.

Dr. H. R. MILL,

British Rainfall Organization,

62, Camden Square,

LONDON, N.W.

Enclosure

TELEPHONE Nº 170.

COUNTY BOROUGH OF ROCHDALE

FRANK H. BRUNT, Assoc. M. Inst. C.E.
WATERWORKS ENGINEER
AND MANAGER.

Waterworks Office,
Lord Street,
Rochdale.

26th March 1913.
Wednesday.

Dear Sir,

Adverting to your letter of the 15th instant and the enclosure therewith I find that the entries given on the latter from the 13th to the 28th February (inclusive) are incorrect. I have accordingly had the correct figures inserted on the card which I return herewith.

Yours faithfully,

Frank H. Brunt

Engineer & Manager.

Dr. Hugh Robert Mill.
62 Camden Square.
London N.W.

Ca. for WD. 4.V.14

REGISTER OF RAINFALL IN 1913.

FORM A.
BRITISH RAINFALL.

25 APR 1914

Kept at Cowm Reservoir.
in the County of Lancashire. S 3
by Rochdale Corporation Water Works Committee

Lat. .... Long. ....
Time of Observation 9. am
Nearest Railway Station Whitworth
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 7 in.
" " " " Sea Level 760 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·0

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·05	·03	·0	·16	·0	·26	·0	·0	·0	·0	·0	·14	1
2	·09	·05	·29	·11	·0	·0	·0	·0	·04	·0	·07	·0	2
3	·0	·18	·65	·03	·0	·24	·0	·0	·0	·0	·21	·20	3
4	·07	·21	·21	·0	·65	·0	·0	·0	·0	·0	·08	·65	4
5	·73	·19	·03	·0	·02	·0	·09	·0	·0	·03	·30	·61	5
6	·23	·08	·09	·0	·03	·24	·14	·0	·0	·08	·02	·03	6
7	·15	·30	·20	·0	·53	·25	·18	·0	·0	·10	·0	·0	7
8	·0	·29	·07	·0	·39	·25	·03	·0	·0	·41	·05	·08	8
9	·0	·32	·05	·0	·04	·03	·0	·24	·0	·06	·15	·07	9
10	·0	·27	·75	·03	·10	1·11	·07	·05	·0	·0	·18	·21	10
11	·0	·03	·41	·16	·10	·0	·02	·0	·03	·0	·12	·0	11
12	·11	·0	·0	·34	·11	·14	·0	·0	·0	·17	·17	·15	12
13	·06	·0	·0	·0	·0	·0	·0	·0	·28	·0	·39	·0	13
14	·0	·0	·88	·07	·0	·0	·03	·10	·28	·06	·41	·0	14
15	·12	·0	·32	·39	·0	·0	·0	·0	·0	·41	·43	·10	15
16	·09	·02	·46	·57	·0	·0	·0	·10	·09	·02	·52	·07	16
17	·0	·0	·06	·04	·0	·0	·06	·0	·0	·0	·38	·02	17
18	·0	·0	·0	·19	·24	·14	·21	·0	·23	·0	·21	·0	18
19	·11	·0	·28	·39	·15	·03	·10	·0	·0	·0	·42	·0	19
20	·02	·0	·08	·11	·11	·10	·0	·0	·07	·13	·51	·0	20
21	·15	·0	·10	·07	·04	·0	·0	·0	·02	·21	1·06	·0	21
22	0	·0	·22	·0	·20	·0	·16	·30	·0	·0	·04	·0	22
23	·48	·0	·48	·0	·13	·0	·0	·68	·19	·0	·0	·0	23
24	·25	·0	·03	·0	·68	·52	·0	·41	·20	·0	·15	·17	24
25	·61	·09	·0	·15	·02	·29	·0	·03	·0	·0	·05	·09	25
26	·0	·0	·0	·08	·0	·0	·0	·0	·39	·05	·11	·28	26
27	·0	·04	·05	·58	·0	·02	·0	·0	·16	·05	·0	·65	27
28	·0	·02	·0	·38	·0	·02	·0	·0	·0	·23	·0	·17	28
29	·43	—	·16	·47	·0	·0	·0	·0	·0	·02	·02	·0	29
30	·0	—	·23	·72	·06	·0	·0	·12	0	·0	·14	·0	30
31	·63	—	·02	—	·15	—	·0	0	—	·25	—	·0	31
	·03	—	·16	—	·26	—	—	—	—	—	·14	—	YEAR'S TOTAL
Total	~~4·38~~	~~2·12~~	~~6·12~~	~~5·04~~	~~3·75~~	~~3·64~~	~~1·09~~	~~2·03~~	~~1·98~~	~~2·28~~	~~6·19~~	~~3·69~~	~~42·31~~
Rain Days.	18	~~15~~ 14	~~24~~ 25	~~20~~ 19	~~19~~ 20	~~15~~ 14	11	9	12	16	~~25~~ 26	~~17~~ 16	200 ~~201~~
	4·36	2·09	6·28	4·88	4·01	3·38	1·09	2·03	1·98	2·28	6·33	3·55	42·26

W.7,000, XI. 13

Ex DL

REGISTER OF RAINFALL IN 1914.

FORM A.
BRITISH RAINFALL.

16 JAN 1915

Kept at Cowm Reservoir.
in the County of Lancashire S 3
by the Rochdale Corpn. Water Works Committee

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station ~~[illegible]~~ Whitworth
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 9 in.
" " " " Sea Level 760 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·0	·0	·07	·0	·0	·02	·61	·46	·0	·03	·0	·25	1
2	·0	·0	·04	·0	·0	·0	·37	·60	·0	·13	·10	·20	2
3	·14	·0	·22	·0	·81	·0	·04	·10	·0	·03	·0	·70	3
4	·70	·0	·32	·40	·22	·0	·0	·0	·0	·0	·09	·40	4
5	·13	·0	·59	·27	·08	·18	·07	·0	·0	·0	·32	·42	5
6	·0	·10	·03	·31	·38	·15	·02	·37	·0	·0	·15	·03	6
7	·12	·0	·21	·02	·28	·14	·0	·10	·0	·0	·04	·18	7
8	·97	·02	·05	·0	·35	·21	·04	·70	·0	·0	·05	·06	8
9	·44	·25	·0	·45	·10	·75	·0	·35	·06	·0	·33	·0	9
10	·04	·10	·0	·13	·04	·0	·0	·0	·22	·0	·12	·0	10
11	·0	·27	·57	·0	·03	·0	·17	·0	·26	·0	1·46	·09	11
12	·0	·22	·10	·0	·13	·0	·24	·0	1·02	·0	·95	·11	12
13	·0	·28	·22	·03	·0	·0	·09	·0	·38	·0	·46	·24	13
14	·03	·36	·24	·0	·0	·0	·0	·0	·26	·0	·35	·33	14
15	·0	·05	·47	·0	·0	·0	·0	·0	·11	·0	·10	·0	15
16	·0	·11	·07	·0	·0	·0	·99	·0	·88	·0	·0	·0	16
17	·08	·86	·11	·0	·0	·0	·14	·0	·75	·0	·0	1·30	17
18	·0	·12	·02	·0	·0	·42	·0	·0	·08	·0	·0	·14	18
19	·0	·03	·11	·0	·0	·0	·07	·0	·08	·0	·03	·37	19
20	·0	·13	·07	·0	·0	·0	·0	·0	·0	·02	·0	·0	20
21	·0	·18	·03	·0	·0	·16	·0	·03	·0	·07	·0	·11	21
22	·0	·33	·03	·03	·05	·46	·0	·09	·0	·03	·0	·0	22
23	·0	·02	·20	·18	·16	·24	·14	·0	·0	·0	·0	·05	23
24	·06	·0	·96	·07	·54	·08	·41	·52	·0	·0	·33	·0	24
25	·12	·0	·0	·0	·0	·0	·56	·66	·0	1·27	·15	·67	25
26	·07	·0	·04	·0	·0	·0	·04	·0	·0	·35	·35	·49	26
27	·10	·02	·0	·0	·0	·0	·0	·0	·0	·76	·34	1·03	27
28	·11	·25	·14	·0	·02	·0	·08	·0	·03	·02	·42	·0	28
29	·20		·17	·0	·04	·0	·0	·06	·0	·22	·20	·05	29
30	·0		·51	·0	·0	·0	·0	·05	·0	·02	·19	·21	30
31	·69		·27		·0		1·02	·0		·08		·0	31
													YEAR'S TOTAL
Total	4·00	3·70	5·86	1·89	3·23	2·81	5·10	4·09	4·13	3·03	6·53	7·43	51·80
Rain Days.	16	19	27	10	15	11	18	13	12	13	21	22	197

W. 8,000. X. 14.

cod 1.V.16

3067

FORM A.
BRITISH RAINFALL.

14 FEB 1916

REGISTER OF RAINFALL IN 1915

Kept at Cowm Reservoir. Whitworth.

in the County of Lancaster

by Rochdale Corporation

Lat. Long.

Time of Observation 9 am

Nearest Railway Station Facit

Diameter of Funnel of Rain Gauge 8" in.

Height of top of Gauge above Ground 1 ft. 7 in.

" " " " Sea Level 760 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·09	·77	·04	–	·34	–	·17	·13	·07	–	–	·06	1
2	–	·39	·40	·40	–	·05	·61	·35	–	·12	–	–	2
3	·97	–	·20	·42	–	–	·36	·25	–	–	–	·54	3
4	·09	·39	–	–	·06	·03	·47	–	–	–	–	·82	4
5	·27	·14	·28	–	·03	·04	–	·05	–	–	–	·97	5
6	·50	–	·04	·49	–	–	·56	·04	T	–	–	·67	6
7	·80	·87	–	·18	·18	–	·32	·61	–	–	–	·31	7
8	·56	·10	–	·31	–	–	–	·12	–	–	·63	–	8
9	–	·04	–	(·09)	–	–	·02	·02	–	·09	·35	·67	9
10	1·23	–	·09	–	–	–	·03	1·08	–	·02	–	·32	10
11	·29	–	–	·02	·76	–	·16	·52	–	–	·24	·58	11
12	·30	–	–	·06	·08	–	·04	·15	–	·33	1·17	–	12
13	·20	·59	–	–	–	–	·10	–	–	·02	–	·10	13
14	·25	–	–	·09	–	–	·13	·66	·12	–	–	·43	14
15	1·45	–	–	–	–	–	·15	·03	·06	–	·44	·35	15
16	–	·53	–	–	·26	–	·91	·69	–	–	–	·02	16
17	–	·50	–	–	–	–	·04	–	–	–	–	–	17
18	·02	·47	·11	–	–	–	–	–	–	·02	–	–	18
19	·04	·26	·12	·19	·23	–	·75	–	–	–	–	–	19
20	·67	·03	·04	–	·13	–	·09	·04	–	–	–	·44	20
21	·10	·04	–	·07	–	–	·35	–	–	–	–	·13	21
22	·02	–	·05	–	–	·03	·13	–	–	–	–	·32	22
23	–	–	·17	·04	–	–	·35	–	·03	·38	–	·27	23
24	–	–	·15	·03	–	·09	–	–	·31	·02	–	·71	24
25	–	–	–	–	–	·19	–	–	·06	·03	–	·27	25
26	–	·66	–	–	–	·18	·29	–	·04	–	–	·78	26
27	–	·32	–	–	–	–	·09		–	·63	–	·38	27
28	–	·28	–	–	·03	·06	–	·29	–	·18	–	–	28
29	–		–	–	·04	·24	–	·03	–	–	·33	·07	29
30	·27	X	–	·10	–	·18	–	·06	–	–	–	–	30
31	·30	X	–	X	–	X	–	·65	X	·23	X	·33	31
Total	8·42	6·38	1·69	2·47	2·14	1·09	6·12	5·77	·69	2·07	3·16	9·54	YEAR'S TOTAL 49·54
Rain Days.	20	17	12	14	11	10	22	19	7	12	6	23	173

W. 8,000. X. 15.

G ✓ Old Gauge 2983

FORM A. BRITISH RAINFALL.

22 FEB 1917

REGISTER OF RAINFALL IN 1916

Kept at Cowm Reservoir, Whitworth
in the County of Lancashire
by Rochdale Corpn. Water Works Committee

Lat. Long.
Time of Observation 9 am.
Nearest Railway Station Facit
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 7 in.
" " " " Sea Level 760 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·25	·14	·18	·0	·0	·40	·57	·0	·0	·0	·25	·0	1
2	·27	·28	·02	·0	·0	·08	·0	·0	·36	·26	·05	·0	2
3	·0	·20	·0	·02	·0	·07	1·34	·0	·81	·47	·11	·0	3
4	·11	·35	·0	·0	·52	1·30	·0	·0	·02	·78	·30	·0	4
5	·31	·55	·0	·0	·02	·33	·0	·0	·0	1·50	·37	·0	5
6	1·06	·65	·04	·0	·49	·22	·30	·0	·0	·23	·46	·06	6
7	·06	·19	·02	·0	·46	·12	·09	·0	·0	·31	·06	·54	7
8	·0	·13	·18	·0	·0	·08	·0	·0	·0	·09	·43	·03	8
9	·09	·0	·03	·0	·31	·13	·07	·0	·0	·0	·31	·08	9
10	·03	·18	·0	·20	·0	·16	·20	·0	·0	·29	·02	·0	10
11	·09	·56	·17	·81	·03	·06	·06	·0	·18	·0	·0	·22	11
12	·19	·35	·25	·26	·47	·0	·90	·12	·0	·25	·0	·0	12
13	·0	·23	·04	·37	·0	·0	·0	·60	·0	1·52	·0	·09	13
14	·04	·26	·0	·13	·61	·0	·0	·18	·10	·13	·0	·0	14
15	·0	·47	·44	·04	·0	·0	·07	·21	·16	·08	·0	·0	15
16	·04	·23	·63	·65	·0	·0	·21	1·42	·0	·06	·0	·0	16
17	·18	·21	·0	1·02	·0	·0	·06	·03	1·27	·21	·0	·0	17
18	·0	·49	·0	·15	·0	·0	·0	·04	·27	·17	·50	·28	18
19	·34	·0	·22	·20	·0	·0	·0	·12	·0	·0	·24	·0	19
20	·55	·0	·15	·18	·0	·0	·02	·0	·0	·0	·15	·03	20
21	·25	·0	·0	·0	·03	·0	·06	·0	·0	·0	·0	·0	21
22	·0	·02	·0	·0	·0	·12	·0	·0	·0	·17	·0	·07	22
23	·07	·0	·05	·17	·0	·0	·0	·09	·0	·0	·40	·22	23
24	·0	·20	·0	·05	·0	·0	·0	·31	·0	·02	·0	·06	24
25	·28	·08	·23	·0	·24	·05	·0	·27	·0	·02	·55	·11	25
26	·20	·02	·07	·0	·0	·03	·0	·03	·0	·0	·05	·0	26
27	·0	·22	·0	·0	·06	·0	·0	·26	·0	·53	·0	·0	27
28	·0	·12	·0	·0	·0	·0	·0	·0	·0	1·05	·17	·82	28
29	·0	·12	·0	·0	·0	·17	·0	·0	·0	·50	·0	·95	29
30	·04	X	·0	·0	·0	·05	·0	·0	·0	·74	·05	·15	30
31	·0	X	·0	X	·10	X	·02	·13	X	·13	X	·27	31
Total	4.45 ✓	6.25 ✓	2.72 ✓	4.25 ✓	3.34 ✓	3.37 ✓	3.97 ✓	3.81 ✓	3.17 ✓	9.51 ✓	4.47 ✓	3.98	YEAR'S TOTAL 53.29 ✓
Rain Days.	20	24 ✓	16 ✓	14 ✓	12 ✓	16 ✓	14 ✓	14 ✓	8 ✓	23 ✓	18 ✓	16	195 ✓

✓ W. 8,000, VIII. 16

2837

FORM A.
BRITISH RAINFALL.
21 JAN 1918

REGISTER OF RAINFALL IN 1917

Kept at Cowm Reservoir, Whitworth
in the County of Lancashire
by Rochdale Corpn. Water Works Committee

Lat. Long.
Time of Observation 9 am.
Nearest Railway Station Facit.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 5 in.
" " " " Sea Level 762 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·15			·08		·26		·05	·82		·22	·27	1
2	·79			·05		·08		·05		·07	·01		2
3	·25	·30		·02		·45				·77	·06	·06	3
4	·11		·02							·92			4
5	·35		·05	·11				·06	·02	·25	·51	·06	5
6	·17					·05				·56	·33	·23	6
7	·77		·01			·36				1·25	·11	·14	7
8	·32			·23				·37	·03	1·25	·47	·33	8
9			·03	·04				·42		·18	·74		9
10	·46		·59	·07	·22			·13		·03			10
11	·15			04				·03		·46	·02		11
12			·01	·01	·45			·22		·56		·05	12
13				·33	·04			·06	·83	·06	·05	·52	13
14	·05			·23				·42				·30	14
15				·03			1·17	·02	·20	·13		·36	15
16		·04		·45			·02	·37	·03	·04		·26	16
17		·12	·32	·36	·13	·02	·18	1·50	·09	·42	·03		17
18	·08		·09	·07	·12		1·16	·47	·26	·23			18
19		·34	·37		·74	·15		·09			·06	·03	19
20		·41			·09	·25		·13	·15		·43		20
21		·02	·08		·07	·02		·14	·02	·13	·04		21
22			·04					·09	·33	·54	·07		22
23		·15			·18	·24	·01	·35	·04	·21	·01	·06	23
24		·01				·03		·58		1·31	·59	·06	24
25		·12	·09					·22	·01	·37			25
26						·18		·62	·46	·19	1·18		26
27			·02		·40	·16	·41	·42		·29	·25	·05	27
28		03	·58					·50		·13	·17	·05	28
29			·16	·01			·05	·20		·60	·48	·21	29
30			·29					·10		·13	·17	·01	30
31			·25		·08			·36					31
Total	3·65	1.54	3.00	2·13	2.52	2.25	3.00	7.97	3.29	11·08	6.00	3.05	YEAR'S TOTAL 49.48
Rain Days.	12	10	17	16	11	13	7	27	14	26	22	18	193

W. 8,000, IX. 17.

Esk Df

74

REGISTER OF RAINFALL IN 1918.

FORM A.
BRITISH RAINFALL.

Kept at Cowm Reservoir, Whitworth
in the County of S Lancaster
by Rochdale Corporation

Lat. .... Long. ....
Time of Observation 9 a.m.
Nearest Railway Station Whitworth Facit
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 5 in.
" " " " Sea Level 762 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·0	·31	·0	·05	·05	·0	·0	·0	·75	·14	·24	·42	1
2	·0	·38	·0	·08	·0	·0	·0	·0	·24	·13	·0	1·13	2
3	·0	·08	·0	·0	·73	·0	·0	·0	·02	·61	·0	·06	3
4	·10	·03	·02	·0	·0	·0	·0	·28	·15	·43	·61	·55	4
5	·03	·0	·05	·09	·29	·0	·0	·65	·20	·61	·11	·04	5
6	·09	2·09	·0	·45	·0	·37	·0	·19	·05	·17	·0	·05	6
7	·0	·38	·0	·43	·0	·0	·0	·06	·35	·47	·20	·0	7
8	·14	·21	·10	·0	·0	·0	·12	·0	1·87	·22	·09	·09	8
9	·40	1·06	·0	·02	·0	·30	·0	·0	·89	1·0	·12	·11	9
10	·06	·79	·03	·0	·0	·0	·02	·0	1·27	·18	·57	·07	10
11	·48	·19	·10	·04	·10	·0	·09	·03	·52	·0	·0	·34	11
12	·06	·54	·0	·05	·02	·02	·18	·0	·35	·02	·0	·60	12
13	·0	·0	·0	·04	·26	·04	·0	·0	·27	·33	·0	·0	13
14	·86	·0	·0	·0	·02	·07	·08	·0	·73	·27	·0	·39	14
15	·08	·0	·0	·0	·03	·07	·74	·0	2·03	·0	·0	·83	15
16	·03	·0	·0	·0	·0	·10	·10	·15	·44	·0	·0	·59	16
17	·32	·0	·0	·0	·0	·11	·28	·22	·24	·10	·0	·48	17
18	·58	·0	·19	·0	·0	·12	·43	·06	·55	·0	·0	1·00	18
19	·30	·14	·24	·10	·0	·0	·30	·33	·80	·05	·0	·78	19
20	·15	·65	·0	·10	·0	·27	·27	·0	·56	·0	·0	·0	20
21	·34	·97	·0	·0	·45	·22	·01	·0	·58	·04	·0	·12	21
22	·22	·07	·0	·0	·49	·08	·74	·02	·09	·0	·0	1·08	22
23	·16	·02	·0	·0	·27	·0	·31	·0	·25	·0	·13	·15	23
24	·03	·15	·0	·0	·0	·0	·43	·17	·28	·02	·06	·20	24
25	·0	·0	·0	·0	·04	·11	·20	·49	·19	·0	·02	·0	25
26	·0	·26	·0	·0	·0	·0	·08	·12	1·11	·11	·40	·38	26
27	·0	·33	·44	·0	·0	·09	·0	·68	·71	·05	·26	·48	27
28	·0	·05	·81	·0	·0	·0	·0	·17	·09	·0	·21	·88	28
29	·0		·0	·0	·0	·0	·0	·0	·12	·0	·0	·22	29
30	·0		·48	·0	·0	·0	·0	·22	·0	·04	·19	·52	30
31	·0		·38		·0		·0	·21		·0		·0	31
Total	4·43	8·70	2·84	1·45	2·75	1·97	4·38	4·05	15·70	4·99	3·21	11·56	YEAR'S TOTAL 66.03
Rain Days.	19	20	11	11	12	14	17	17 ~~18~~	29	20	14	26	~~211~~ 210

W, 6,500, VII. 18. W W C

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919..

Kept at Cowm Reservoir
in the County of Lancaster
by Rochdale Corporation Waterworks Dept.

Lat. Long.
Time of Observation 9 am.
Nearest Railway Station Whitworth L & Y R. Co.
Diameter of Funnel of Rain Gauge 5" in.
Height of top of Gauge above Ground 1 ft 5 in.
" " " " Sea Level 762 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	1·05	·0	·07	·0	·76	·0	·35	·11	·59	·63	·07	·16	1
2	·28	·0	·45	·0	·09	·0	·31	·13	·10	·08	·05	·34	2
3	·26	·0	·0	·0	·19	·09	·28	·0	·05	·0	·22	·55	3
4	·38	·0	·23	·0	·04	·0	·07	·21	·05	·0	·0	·18	4
5	·18	·04	·0	·05	·04	·0	·0	·0	·0	·0	·04	·83	5
6	·0	·0	·86	·0	·56	·0	·0	·0	·0	·0	·0	·19	6
7	·08	·0	·43	·02	·05	·0	·0	·0	·06	·0	·07	·0	7
8	·15	·0	·08	·05	·0	·08	·0	·0	·0	·0	·0	·0	8
9	·55	·0	·14	·04	·0	·0	·0	·0	·0	·0	·03	·0	9
10	·0	·0	1·24	·27	·0	·0	·0	·0	·0	·0	·01 (s)	·30	10
11	·04	·0	·80	·16	·16	·0	·13	·0	·0	·07	·0	·0	11
12	·0	·0	·32	·24	·04	·18	·17	·0	·01	·11	·27 (s)	·0	12
13	·68	·0	·0	·20	·0	·03	·06	·04	·0	·37	·0	·06	13
14	·54	·0	·05	·45	·0	·0	·0	·02	·0	·0	·04	·0	14
15	·40	·05	·05	·07	·0	·0	·0	·02	·0	·0	·0	·54	15
16	·19	·34	·0	·08	·0	·06	·0	·0	·0	·0	·22	·07	16
17	·08	·08	·0	·12	·0	·30	·0	·80	·0	·0	1·18	·09	17
18	·0	·0	·34	·0	·04	·0	·12	·37	·08	·0	·05	·71	18
19	·12	·25	·72	·0	·0	·27	·43	·13	·10	·0	·43	·06	19
20	·62	·09	·06	·0	·0	·25	·14	·18	·0	·0	·15	1·15	20
21	·04	·48	·0	·0	·0	·04	·24	·0	·12	·0	·07	·24	21
22	·0	·05	·03	·0	·0	·20	·0	·18	·41	·0	·15	1·08	22
23	·0	·0	·0	·0	·0	·17	·0	·02	·0	·89	·11	·46	23
24	·0	·0	·0	·16	·10	·0	·0	·02	·64	·28	·42	·79	24
25	·29	·04	·0	·40	·12	·17	·0	·86	·04	·0	·56	·0	25
26	·26	·0	·79	·18	·0	·06	·0	·89	·27	·0	·15	·90	26
27	·18	·0	·0	·08	·0	·03	·0	·04	·0	·0	·03	·10	27
28	·0	·0	·0	·11	·0	·08	·0	·46	·0	·10	·0	·61	28
29	·14	✕	·0	·0	·0	·03	·0	·10	·0	·50	·0	·18	29
30	·01	✕	·07	·17	·0	·10	·0	·0	·0	·11	·40	·35	30
31	·03	✕	·05	✕	·0	✕	·40	·0	✕	·0	✕	·08	31
TOTAL	6·55	1·42	6·78	2·85	2·19	2·14	2·70	4·58	2·52	3·14	4·72	10·02	YEAR'S TOTAL 49·61
Days with ·01 in. or more	23	9	19	18	12	17	12	18	13	10	22	24	197

(44,283): Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

2565

7 FEB 1921

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.** 4D WWD

REGISTER OF RAINFALL IN 1920

Kept at Cowm Brook Reservoir.

in the County of Lancaster

by The Rochdale Corporation Water Dept.

Lat. 53° 38′ N. Long. 2° 12′ W.

Time of Observation 9 A.M.

Nearest Railway Station Whitworth L. & Y.

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 7 in.

" " " " Sea Level 760 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·0	·0	·10	·14	·70	·0	1·61	·06	·10	·04	·08	·15	1
2	·0	·0	·0	·18	·03	·0	·37	·15	·38	·09	·0	·50	2
3	·0	·06	·08	·08	·07	·02	1·10	·15	·28	·09	·0	·34	3
4	·03	·0	·0	·12	·07	·0	·14	1·96	·11	·58	·0	·04	4
5	·0	·0	·12	·0	·83	·0	·20	·84	·31	·39	·0	·03	5
6	·0	·0	·57	·37	·33	·0	·05	·08	·05	·0	·07	·11	6
7	·61	·08	Snow ·07	·14	·07	·0	·30	·0	·0	·0	·03	·0	7
8	·18	·05	·0	·34	·20	·0	·10	·13	·0	·0	·0	·0	8
9	·47	1·40	·02	·42	·0	·0	·39	·05	·03	·0	·09	·0	9
10	1·20	1·19	·18	·18	·0	·0	·85	·0	·0	·0	·0	·0	10
11	·23	·15	·0	·04	·37	·31	·02	·0	·0	·0	·0	Snow ·05	11
12	·35	·32	·33	·33	·14	·05	·20	·0	·0	·0	·35	Snow ·04	12
13	·23	·13	·28	·40	·04	·50	·11	·0	·0	·0	·44	Snow ·03	13
14	·06	·23	·10	·43	·0	·41	·13	·0	·64	·05	·84	·02	14
15	·0	·31	·05	·66	·0	·0	·06	·0	·03	·29	·08	·0	15
16	·0	·0	·18	·17	·11	·04	·90	·0	·24	·0	·15	·0	16
17	·14	·0	·05	·0	·26	·0	·02	·42	·40	·09	·0	·0	17
18	·15	·0	·0	·30	·66	·0	·02	·0	·20	·0	·0	·0	18
19	·15	1·16	·0	·15	·61	·18	·06	·13	·0	·0	·0	·0	19
20	·18	·0	·0	·39	·0	·08	·12	·0	·04	·0	·0	·16	20
21	·08	·0	·0	·0	·0	·0	·65	·03	·0	·0	·0	·37	21
22	·20	·0	·0	·67	·0	·04	·68	·05	·0	·0	·0	·09	22
23	·0	·0	·04	·09	·0	·0	·82	·0	·0	·0	·0	·50	23
24	·10	·0	·78	·12	·0	·0	·07	·0	·0	·0	·0	·48	24
25	·0	·10	·15	·10	·0	·0	1·07	·0	·0	·0	·0	·0	25
26	·12	·16	·58	·50	·16	·0	·12	·0	·0	·0	·08	·10	26
27	·09	·03	·08	·22	·37	·55	·06	·0	·0	·0	·25	·16	27
28	Snow ·40	·03	·38	·45	·11	·15	·14	·0	·0	·0	·05	·47	28
29	·10	·0	·65	·21	1·23	·05	·40	·0	·0	·0	·35	·83	29
30	·44		·0	·13	·10	·17	·0	·0	·23	·0	·18	·50	30
31	·40		·04		·16		·05	·0		·10		·17	31
TOTAL	5·91	5·40	4·83	7·33	6·62	2·55	10·81	4·05	3·04	1·72	3·04	5·14	YEAR'S TOTAL 60·44
Days with ·01 in. or more	22	15	21	27	21	13	30	12	14	9	14	21	219
Days with ·04 in. or more	21	13	20	27	20	12	27	11	12	9	13	18	203

Gd.

REG

ROCHDALE - FIELDHEAD YARD

LANCASHIRE

1911- 1920

FORM A2.
BRITISH RAINFALL.
8 JAN 1912

Kept at Fieldhead y

in the County of Lanc

by T. T. Platt, M. Inst.

ry Rain Gauge

in. × 11¼

Ground 12 ft. 0 in.

Sea Level 483·90 ft.

Name Wardleworth

Distance 380 yards Direction South East

IMPORTANT NOTE. the result entered to the previous day. If an Obse ersal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January ear in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—	—	.72	—	.03	—	.18	.03	—	—	.33	—	1
2	.09	—	.12	—	.32	—	.01	.07	—	.04	.06	.11	2
3	—	—	.12	—	.40	—	—	—	.02	—	.47	.03	3
4	—	—	.17	—	—	—	—	.07	.06	.01	.56	.10	4
5	.24	—	.06	.01	.01	—	—	.44	—	.02	.23	.03	5
6	.33	—	.03	.09	—	—	—	.42	—	.09	.46	.20	6
7	.11	—	—	—	—	—	—	—	—	.05	.13	.03	7
8	.19	—	.25	—	—	—	—	—	.01	—	—	.68	8
9	.04	—	—	—	—	—	—	—	—	—	.02	.17	9
10	.21	.10	.09	—	—	—	—	—	—	—	—	.57	10
11	.17	—	—	—	—	—	—	—	.04	—	.27	.44	11
12	—	.01	.17	—	—	—	—	—	1.26	—	.72	—	12
13	—	—	.01	—	.10	—	—	—	—	—	.20	.44	13
14	.03	.68	—	—	.46	—	—	—	—	—	.04	.17	14
15	—	.34	.02	.03	—	—	—	—	—	.01	.20	.41	15
16	—	.88	.06	—	—	.12	.01	—	—	—	.20	.21	16
17	.01	.02	.05	—	.15	.35	—	—	—	—	.20	.13	17
18	—	.42	.06	—	—	.29	—	.01	—	.03	.12	.12	18
19	—	.17	—	.07	—	.13	.06	—	.26	.34	.06	.13	19
20	—	.21	—	.36	—	—	.04	.64	.07	.15	—	.38	20
21	.01	.83	.06	—	—	—	.01	—	—	.10	—	.29	21
22	.04	.04	—	.05	—	—	—	—	—	.27	.04	.01	22
23	—	.42	—	—	.19	.29	—	—	.19	.06	—	.32	23
24	.17	.17	—	.20	—	.87	—	.02	—	.28	—	.13	24
25	.01	.53	—	.28	—	.03	.47	—	.70	.06	—	.34	25
26	—	.03	—	.23	—	.04	.06	.03	—	.49	.11	.37	26
27	.03	.35	.03	.58	—	—	—	.54	.52	—	—	.15	27
28	—	.32	—	.32	—	.16	—	.02	.09	—	.01	.58	28
29	—	×	—	.45	—	.38	—	—	.69	.52	—	.17	29
30	—	×	—	.01	.04	.42	—	—	.02	.32	—	—	30
31	—	×	.08	×	—	×	—	—	×	.03	×	.03	31
Total	1.68	5.52	2.10	2.68	1.70	3.08	.84	2.29	3.93	2.87	4.43	6.74	TOTAL for year 37.86
No. of Rain Days.	15	17	17	13	9	11	8	11	13	18	20	28	180

W. 8,000, X. '11.

REG

FORM A2.
BRITISH RAINFALL.
8 JAN 1912

Kept at Fieldhead Yard, Rochdale

in the County of Lancashire 53

by S. S. Platt, M. Inst C. E., Borough Surveyor

RAIN GAUGE
Pattern Ordinary Rain Gauge
Diameter of top 8 in. x 11¼ in.
Height of top above Ground 12 ft. 0 in.
" " " Sea Level 483.90 ft.

Time of Observation 9.0 a.m.

Nearest Railway Station
Name Wardleworth
Distance 380 yards Direction South East

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—	—	.72	—	.03	—	.18	.03	—	—	.33	—	1
2	.09	—	.12	—	.32	—	.01	.07	—	.04	.06	.11	2
3	—	—	.12	—	.40	—	—	—	.02	—	.47	.03	3
4	—	—	.17	—	—	—	—	.07	.06	.01	.56	.10	4
5	.24	—	.06	.01	.01	—	—	.44	—	.02	.23	.03	5
6	.33	—	.03	.09	—	—	—	.42	—	.09	.46	.20	6
7	.11	—	—	—	—	—	—	—	—	.05	.13	.03	7
8	.19	—	.25	—	—	—	—	—	.01	—	—	.68	8
9	.04	—	—	—	—	—	—	—	—	—	.02	.17	9
10	.21	.10	.09	—	—	—	—	—	—	—	—	.57	10
11	.17	—	—	—	—	—	—	—	.04	—	.27	.44	11
12	—	.01	.17	—	—	—	—	—	1.26	—	.72	—	12
13	—	—	.01	—	.10	—	—	—	—	—	.20	.44	13
14	.03	.68	—	—	.46	—	—	—	—	—	.04	.17	14
15	—	.34	.02	.03	—	—	—	—	—	.01	.20	.41	15
16	—	.88	.06	—	—	.12	.01	—	—	—	.20	.21	16
17	.01	.02	.05	—	.15	.35	—	—	—	—	.20	.13	17
18	—	.42	.06	—	—	.29	—	.01	—	.03	.12	.12	18
19	—	.17	—	.07	—	.13	.06	—	.26	.34	.06	.13	19
20	—	.21	—	.36	—	—	.04	.64	.07	.15	—	.38	20
21	.01	.83	.06	—	—	—	.01	—	—	.10	—	.29	21
22	.04	.04	—	.05	—	—	—	—	—	.27	.04	.01	22
23	—	.42	—	—	.19	.29	—	—	.19	.06	—	.32	23
24	.17	.17	—	.20	—	.87	—	.02	—	.28	—	.13	24
25	.01	.53	—	.28	—	.03	.47	—	.70	.06	—	.34	25
26	—	.03	—	.23	—	.04	.06	.03	—	.49	.11	.37	26
27	.03	.35	.03	.58	—	—	—	.54	.52	—	—	.15	27
28	—	.32	—	.32	—	.16	—	.02	.09	—	.01	.58	28
29	—	×	—	.45	—	.38	—	—	.69	.52	—	.17	29
30	—	×	—	.01	.04	.42	—	—	.02	.32	—	—	30
31	—	×	.08	×	—	×	—	—	×	.03	×	.03	31
Total	1.68	5.52	2.10	2.68	1.70	3.08	.84	2.29	3.93	2.87	4.43	6.74	TOTAL for year 37.86
No. of Rain Days.	15	17	17	13	9	11	8	11	13	18	20	28	180

W. 8,000, X. '11.

Self Recording

Ex Df

REGISTER OF RAINFALL IN 1911.

FORM A2.
BRITISH RAINFALL
8 - JAN 1912

Kept at Fieldhead Yard, Rochdale.

in the County of Lancashire S3

by J. S. Platt M. Inst C.E., Borough Surveyor.

RAIN GAUGE
Pattern Self Recording Rain gauge
Diameter of top 8 in.
Height of top above Ground 12 ft. 0 in.
" " " Sea Level 483·90 ft.

Time of Observation 9.0 a.m.

Nearest Railway Station
Name Wardleworth
Distance 380 yards Direction [illegible]

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	—	·74	—	·03	—	·18	·03	—	—	·33	—	1
2	·09	—	·12	—	·32	—	·01	·07	—	·04	·06	·11	2
3	—	—	·12	—	·40	—	—	—	·02	—	·47	·03	3
4	—	—	·17	—	—	—	—	·07	·06	·01	·56	·10	4
5	·24	—	·06	·01	·01	—	—	·44	—	·02	·23	·03	5
6	·33	—	·03	·09	—	—	—	·42	—	·09	·46	·20	6
7	·11	—	—	—	—	—	—	—	—	·05	·13	·03	7
8	·19	—	·25	—	—	—	—	—	·01	—	—	·70	8
9	·04	—	—	—	—	—	—	—	—	—	·02	·17	9
10	·21	·10	·09	—	—	—	—	—	—	—	—	·57	10
11	·17	—	—	—	—	—	—	—	·04	—	·27	·46	11
12	—	·01	·17	—	—	—	—	—	1·29	—	·74	—	12
13	—	—	·01	—	·10	—	—	—	—	—	·20	·46	13
14	·03	·68	—	—	·47	—	—	—	—	—	·04	·17	14
15	—	·34	·02	·03	—	—	—	—	—	·01	·20	·41	15
16	—	·90	·06	—	—	·12	·02	—	—	—	·20	·21	16
17	·01	·02	·05	—	·15	·35	—	—	—	—	·20	·13	17
18	—	[illegible]	·06	—	—	·29	—	·01	—	·03	·12	·12	18
19	—	·17	—	·07	—	·13	·06	—	·26	·34	·06	·13	19
20	—	·21	—	·36	—	—	·04	·64	·07	·15	—	·38	20
21	·01	·85	·06	—	—	—	·01	—	—	·10	—	·29	21
22	·04	·04	—	·05	—	—	—	—	—	·27	·04	·01	22
23	—	·43	—	—	·19	·29	—	—	·19	·06	—	·33	23
24	·17	·17	—	·20	—	·87	—	·02	—	·28	—	·13	24
25	·01	·55	—	·28	—	·03	·49	—	·71	·06	—	·34	25
26	—	·03	—	·23	—	·04	·06	·03	—	·49	·11	·37	26
27	·03	·35	·03	·58	—	—	—	·54	·53	—	—	·15	27
28	—	·32	—	·32	—	·16	—	·02	·09	—	·01	·58	28
29	—	×	—	·47	—	·38	—	—	·71	·53	—	·17	29
30	—	×	—	·01	·04	·42	—	—	·02	·33	—	—	30
31	—	×	·08	×	—	×	—	—	—	·03	×	·03	31
Total	1·68	5·61	2·12	2·70	1·71	3·08	·86	2·29	4·00	2·89	4·45	6·81	TOTAL for year 38·20
No. of Rain Days.	15 1·68	17 7·29	17 9·41	13 12·11	9 13·82	11 16·90	8 17·76	11 20·05	13 24·05	18 26·94	20 31·39	28 38·20	180

W. 8,000, X. '11.

FORM A.
BRITISH RAINFALL
15 JAN 1913

REGISTER OF RAINFALL IN 1912

Kept at Fieldhead Yard, Rochdale
in the County of Lancashire S3
by S. S. Platt M. Inst. C. E. Borough Surveyor

Lat. 53°-37'-23" north Long. 2°-9' West
Time of Observation 9·0 a.m.
Nearest Railway Station Wardleworth
Diameter of Rain Gauge 8" in. × 11¾" deep
Height of top of Gauge above Ground 12 ft. — in.
" " " " Sea Level 483·90 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Ordinary Rain Gauge

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	—	—	·26	—	—	·02	·04	·01	·15	—	·02	·76	1
2	—	·02	·20	·05	·08	·15	·15	—	·07	—	—	·15	2
3	·46	—	·10	—	—	·35	—	·54	·67	—	·01	·17	3
4	·43	—	·50	·54	·04	·45	—	·57	·04	—	·56	—	4
5	·23	·01	·01	—	·30	·09	—	—	·08	·01	·02	·03	5
6	·34	·24	—	·02	·06	—	—	·39	—	·02	—	—	6
7	—	·10	·05	·01	·12	·03	·05	·02	·30	—	·02	—	7
8	·33	·29	·13	·28	·01	·01	·02	·01	·08	—	·09	—	8
9	·19	·07	·14	·43	—	·03	—	—	—	—	·04	·12	9
10	·28	—	—	—	—	·41	·05	·13	—	—	·92	·01	10
11	·10	—	—	—	—	—	·01	—	—	—	—	·85	11
12	·11	·11	·28	—	—	·34	—	—	—	—	—	·12	12
13	—	—	—	—	—	—	—	·17	—	·32	·03	·60	13
14	·37	—	·97	—	—	·12	—	·15	—	—	—	·42	14
15	·13	·14	·18	—	·62	·23	—	·02	—	—	—	·19	15
16	1·04	·01	·36	—	·05	·04	—	·11	—	·38	·02	·13	16
17	·12	·10	·19	—	·08	1·02	—	·44	—	—	·14	·46	17
18	·06	—	—	—	—	·13	—	·02	—	·47	·08	·15	18
19	·09	·07	·47	—	—	—	·05	·39	—	·27	·09	—	19
20	·19	—	·04	—	·32	·03	·02	·51	—	·37	—	·03	20
21	—	—	·15	—	·18	—	—	—	—	·17	—	·18	21
22	—	·31	—	—	·30	·30	·07	·55	—	—	—	·11	22
23	—	—	·21	—	—	—	·37	1·10	—	—	·29	·06	23
24	·02	·02	·05	—	—	·30	·04	·08	—	·04	·08	·10	24
25	—	·03	·09	—	—	·36	—	—	—	—	·48	·14	25
26	—	·11	·16	—	—	·01	·28	·21	—	1·68	·14	·14	26
27	—	·04	·63	—	—	·55	·33	—	—	·62	·04	·15	27
28	—	·02	·03	—	—	·06	·50	·80	·01	·50	·30	—	28
29	—	·04	·08	—	—	·09	·29	·03	·13	·13	—	·28	29
30	·03		·21	—	·05	·11	—	—	—	·05	·01	—	30
31	—		·21		·34		1·50	·42		—		—	31
Total	4·52	1·73	5·70	1·33	2·55	5·23	3·77	6·67	1·53	5·03	3·38	5·35	YEAR'S TOTAL 46·79
Rain Days.	18	18	25	6	14	24	16	22	9	14	20	23	209

W. 7,500, XI. ·12

FORM A.
BRITISH RAINFALL.

15 JAN 1913

REGISTER OF RAINFALL IN 1912

Kept at Fieldhead Yard, Rochdale

in the County of Lancashire S3

by S. S. Platt M. Inst. C.E. Borough Surveyor

Lat. 53°-34'-23" north Long. 2°-9' West

Time of Observation 9.0 a.m.

Nearest Railway Station Wardleworth

Diameter of Rain Gauge 8" in.

Height of top of Gauge above Ground 12 ft. — in.

" " " " Sea Level 483·90 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Self-Recording Rain Gauge

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
1	—	—	·26	—	—	·02	·04	·01	·15	—	·02	·80	1
2	—	·02	·20	·05	·08	·15	·15	—	·07	—	—	·15	2
3	·46	—	·10	—	—	·35	—	·56	·67	—	·01	·17	3
4	·45	—	·50	·54	·04	·45	—	·57	·04	—	·56	—	4
5	·23	·01	·01	—	·30	·09	—	—	·08	·01	·02	·03	5
6	·35	·24	—	·02	·06	—	—	·39	—	·02	—	—	6
7	—	·10	·05	·01	·12	·03	·05	·02	·31	—	·02	—	7
8	·33	·29	·13	·28	·01	·01	·02	·01	·08	—	·09	—	8
9	·19	·07	·14	·43	—	·03	—	—	—	—	·04	·12	9
10	·28	—	—	—	—	·41	·05	·13	—	—	·95	·01	10
11	·10	—	—	—	—	—	·01	—	—	—	—	·85	11
12	·11	·11	·28	—	—	·34	—	—	—	—	—	·12	12
13	—	—	—	—	—	—	—	·17	—	·32	·03	·60	13
14	·37	—	·99	—	—	·12	—	·15	—	—	—	·42	14
15	·13	·14	·18	—	·62	·23	—	·02	—	—	—	·19	15
16	1·05	·01	·36	—	·05	·04	—	·11	—	·38	·02	·13	16
17	·13	·09	·19	—	·08	1·04	—	·44	—	—	·14	·46	17
18	·06	—	—	—	—	·13	—	·02	—	·47	·08	·15	18
19	·09	·07	·47	—	—	—	·05	·39	—	·27	·09	—	19
20	·19	—	·04	—	·32	·03	·02	·52	—	·37	—	·03	20
21	—	—	·15	—	·18	—	—	—	—	·17	—	·18	21
22	—	·33	—	—	·30	·31	·07	·55	—	—	—	·11	22
23	—	—	·21	—	—	—	·37	1·12	—	—	·29	·06	23
24	·02	·02	·05	—	—	·30	·04	·08	—	·04	·08	·10	24
25	—	·03	·09	—	—	·36	—	—	—	—	·50	·14	25
26	—	·11	·16	—	—	·01	·28	·22	—	1·72	·14	·14	26
27	—	·04	·63	—	—	·55	·33	—	—	·64	·04	·15	27
28	—	·02	·03	—	—	·06	·50	·80	·01	·50	·30	—	28
29	—	·04	·08	—	—	·09	·28	·03	·13	·13	—	·28	29
30	·03		·21	—	·05	·11	—	—	—	·05	·01	—	30
31	—		·21	—	·34		1·55	·42		—		—	31
Total	4·57	1·74	5·72	1·33	2·55	5·26	3·81	6·73	1·54	5·09	3·43	5·39	YEAR'S TOTAL 47·16
Rain Days.	18	18	25	6	14	24	16	22	9	14	20	23	209

W. 7,500, XI. ·12

√ 6X 924

REGISTER OF RAINFALL IN 1913.

Ord.

FORM A. BRITISH RAINFALL.
6 - JAN 1914

Kept at Fieldhead Yard, Rochdale,

in the County of Lancashire. S3

by S. S. Platt, M. Inst. C.E., Borough Surveyor.

Lat. 53°-37'-23" north Long. 2°-9' West
Time of Observation 9.0 a.m.
Nearest Railway Station Wardleworth
Diameter of Rain Gauge 8 in. x 11¾" deep.
Height of top of Gauge above Ground 12 ft. — in.
" " " " Sea Level 483.90 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Ordinary Rain Gauge.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.11	.06	.22	.06	—	—	—	—	—	—	.04	.01	1
2	—	.14	.48	.02	—	.20	—	—	—	—	.07	.15	2
3	.07	.16	.16	—	.54	—	—	—	—	—	.04	.39	3
4	.13	.15	.01	—	.01	—	.07	—	—	.09	.26	.53	4
5	.19	.07	.08	—	.01	.27	.05	—	—	—	.01	—	5
6	.07	.19	.18	—	.58	.11	.16	—	—	.06	—	.01	6
7	—	.17	.07	—	.42	.22	—	—	—	.35	.09	.05	7
8	—	.16	.08	—	.02	.01	—	.29	—	.07	.10	.04	8
9	—	.30	.48	.02	.09	.78	.08	.02	—	—	.14	.20	9
10	—	.03	.29	.10	.09	—	—	—	.01	—	.08	—	10
11	.13	—	—	.41	.03	.13	—	—	—	.09	.14	.11	11
12	.09	—	—	—	—	—	—	—	.12	—	.36	—	12
13	—	—	.68	.02	—	—	.03	.09	.19	.08	.35	—	13
14	.06	—	.16	.33	—	—	—	—	—	.34	.42	.10	14
15	.06	—	.40	.59	—	—	—	.16	.03	—	.28	.06	15
16	—	—	.04	.01	—	—	.04	—	—	—	.34	—	16
17	.01	—	—	.14	.14	.10	.19	—	.25	—	.16	—	17
18	.03	—	.27	.30	.14	.01	.10	—	—	—	.48	—	18
19	.02	—	.04	.14	.09	.02	—	—	.08	.11	.37	—	19
20	.13	—	.09	.05	.01	—	—	—	.03	.21	.75	—	20
21	—	—	.09	—	.32	—	.13	.30	—	—	.10	—	21
22	.53	—	.49	—	.10	—	—	.67	.15	—	.01	—	22
23	.34	—	.04	—	.68	.37	—	.47	.14	—	.15	.13	23
24	.48	.07	—	.13	.01	.16	—	.02	—	—	.03	.03	24
25	—	—	—	.05	—	—	—	—	.33	.02	.12	.37	25
26	—	—	.03	.56	—	.03	—	—	.11	.06	—	.70	26
27	—	.02	—	.35	—	—	—	—	—	.23	—	.25	27
28	.40	—	.12	.50	.01	—	—	—	—	.02	.01	.01	28
29	—	×	.20	.70	.09	—	—	.12	—	—	.03	—	29
30	.57	×	.02	—	.02	—	—	—	—	.20	.24	—	30
31	.12	×	.18	×	.15	×	—	—	×	—	×	—	31
Total	4.04	1.52	4.90	4.48	3.55	2.41	.85	2.14	1.44	1.93	5.17	3.14	YEAR'S TOTAL 35.57
Rain Days.	19	12	25	19	21	13	9	9	11	14	27	17	196 ✓

✓

W.7,000, XI. 13

REGISTER OF RAINFALL IN 19 13.

Self Recording

FORM A.
BRITISH RAINFALL.
6 JAN 1914

Kept at Fieldhead Yard, Rochdale.

in the County of Lancashire. 83

by S. S. Platt, M. Inst. C.E., Borough Surveyor.

Lat. 53°-37'-23" north Long. 2°-9' West

Nearest Railway Station Wardleworth.

Time of Observation 9.0 a.m.

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 12 ft. — in.

" " " Sea Level 483.90 ft.

Note.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. Full instructions for the measurement of rain and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Self-Recording Rain Gauge.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.11	.06	.22	.06	—	—	—	—	—	—	.04	.01	1
2	—	.14	.48	.02	—	.20	—	—	—	—	.07	.15	2
3	.07	.16	.16	—	.54	—	—	—	—	—	.04	.39	3
4	.65	.15	.01	—	.01	—	.07	—	—	.09	.26	.55	4
5	.19	.07	.08	—	.01	.27	.05	—	—	—	.01	—	5
6	.07	.19	.18	—	.59	.11	.16	—	—	.06	—	.01	6
7	—	.17	.07	—	.42	.22	—	—	—	.35	.09	.05	7
8	—	.15	.08	—	.02	.01	—	.29	—	.07	.10	.04	8
9	—	.30	.48	.02	.09	.78	.08	.02	—	—	.14	.20	9
10	—	.03	.29	.10	.09	—	—	—	.01	—	.08	—	10
11	.13	—	—	.41	.03	.13	—	—	—	.09	.14	.11	11
12	.09	—	—	—	—	—	—	—	.12	—	.36	—	12
13	—	—	.18	.02	—	—	.03	.09	.19	.08	.35	—	13
14	.06	—	.16	.33	—	—	—	—	—	.34	.42	.10	14
15	.06	—	.40	.59	—	—	—	.16	.03	—	.28	.06	15
16	—	—	.04	.01	—	—	.04	—	—	—	.34	—	16
17	.01	—	—	.14	.14	.10	.19	—	.25	—	.16	—	17
18	.03	—	.27	.30	.14	.01	.10	—	—	—	.48	—	18
19	.02	—	.04	.12	.09	.02	—	—	.08	.11	.37	—	19
20	.13	—	.08	.05	.01	—	—	—	.03	.21	.75	—	20
21	—	—	.09	—	.32	—	.13	.30	—	—	.10	—	21
22	.53	—	.49	—	.10	—	—	.67	.15	—	.01	—	22
23	.34	—	.04	—	.68	.37	—	.47	.14	—	.15	.13	23
24	.48	.07	—	.13	.01	.16	—	.02	—	—	.03	.03	24
25	—	—	—	.05	—	—	—	—	.33	.02	.12	.37	25
26	—	—	.03	.56	—	.03	—	—	.11	.06	—	.70	26
27	—	.02	—	.35	—	—	—	—	—	.23	—	.25	27
28	.40	—	.12	.51	.01	—	—	—	—	.02	.01	.01	28
29	—	×	.20	.70	.09	—	—	.12	—	—	.03	—	29
30	.57	×	.02	—	.02	—	—	—	—	.20	.24	—	30
31	.12	×	.18	×	.15	×	—	—	×	—	×	—	31
Total	4.06	1.51	4.89	4.47	3.56	2.41	.85	2.14	1.44	1.93	5.17	3.16	35.59 TOTAL for year
No. of Rain Days.	19	12	25	19	21	13	9	9	11	14	27	17	196

1,000, I. '12.

EDWARD STAMFORD, 12, 13 & 14, Long Acre, W.C.
Waterlow and Sons Limited, Printers, London Wall, London.

Price 2d.

Ex DL

Ordinary

FORM A.
BRITISH RAINFALL.
20 JAN 1915

REGISTER OF RAINFALL IN 1914

Kept at Fieldhead Yard, Rochdale

in the County of Lancashire. 53

by S. S. Platt, M. Inst. C.E., Borough Surveyor

Lat. 53°-37'-23" north Long. 2°-9' West.

Time of Observation 9.0 a.m.

Nearest Railway Station Wardleworth.

Diameter of Rain Gauge 8 in. × 11½" deep.

Height of top of Gauge above Ground 12 ft. — in.

" " " " Sea Level 483.90 ft.

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Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	—	.05	—	—	.01	.52	.19	—	.03	—	.27	1
2	—	—	.05	—	—	—	.19	.87	—	.09	.10	.20	2
3	.14	—	.27	—	.56	—	.03	.17	—	.02	—	.51	3
4	.46	—	.24	.42	.41	—	—	.02	—	—	.08	.32	4
5	.15	—	.62	.16	.04	.12	.02	—	—	—	.26	.25	5
6	—	.02	.04	.47	.26	.05	.03	.14	—	—	.10	.01	6
7	.04	.01	.19	.02	.33	.01	—	.05	—	—	.03	.23	7
8	1.03	—	—	.02	.28	.22	—	.36	—	.02	.04	.08	8
9	.54	.15	—	.26	.05	.93	—	.36	.03	—	.22	—	9
10	.03	.08	.01	.25	.05	—	—	—	.17	—	.11	—	10
11	—	.23	.48	.01	.04	.02	.10	—	.27	—	1.33	.09	11
12	—	.15	.09	—	.11	—	.22	—	1.06	—	.92	.08	12
13	—	.23	.14	.02	—	—	.06	—	.27	—	.55	.15	13
14	—	.26	.18	—	—	—	—	—	.10	—	.30	.26	14
15	—	.02	.50	—	—	—	—	—	.17	—	.09	—	15
16	—	—	.07	—	—	—	1.00	—	.64	—	—	.01	16
17	.01	.55	.12	—	—	.05	.17	—	.65	—	—	.95	17
18	—	.03	.02	—	—	.28	—	—	.05	—	—	.07	18
19	—	.04	.06	—	—	—	.04	—	.12	—	—	.31	19
20	—	.14	.07	—	—	—	—	—	—	.01	—	.02	20
21	—	.18	—	—	—	.18	.01	.02	—	.06	.02	.05	21
22	—	.32	.01	.02	.11	.59	.01	.09	—	.03	—	—	22
23	—	—	.16	.20	.17	.14	.17	—	—	—	.02	.02	23
24	.08	—	.82	.05	.19	.06	.53	.54	—	—	.25	—	24
25	.05	—	—	—	—	—	.50	.36	—	1.01	.10	.62	25
26	.08	—	.04	—	—	—	.02	—	—	.12	.25	.32	26
27	.06	—	—	—	—	—	—	—	—	.54	.37	1.08	27
28	.06	.18	.14	—	.02	—	.04	—	—	.02	.36	.04	28
29	.12	—	.11	—	.02	—	—	.05	—	.26	.13	.02	29
30	.01	—	.28	—	—	—	—	.04	—	.01	.20	.20	30
31	.52	—	.31	—	—	—	.71	—	—	.08	—	—	31
Total	3.61	2.59	5.12	[illegible]	2.64	2.66	4.37	3.26	3.53	2.50	5.83	6.16	YEAR'S TOTAL 43.90
Rain Days.	16	16	26	12	15	13	19	14	11	14	22	25	203

W. 8,000. X. 14.

Exc DL

Selfrecorder

REGISTER OF RAINFALL IN 1914.

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Lat. 53°-34'-23" north. Long. 2°-9' West

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Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 12 ft. — in.

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Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	—	·05	—	—	·01	·50	·19	—	·03	—	·27	1
2	—	—	·05	—	—	—	·19	·87	—	·09	·10	·20	2
3	·14	—	·27	—	·56	—	·03	·17	—	·02	—	·51	3
4	·66	—	·34	·42	·41	—	—	·02	—	—	·08	·32	4
5	·15	—	·62	·16	·04	·12	·02	—	—	—	·26	·25	5
6	—	·02	·04	·17	·26	·05	·03	·14	—	—	·10	·01	6
7	·84	·01	·19	·02	·33	·01	—	·05	—	—	·03	·23	7
8	1·03	—	—	·02	·28	·22	—	·36	—	·02	·04	·08	8
9	·54	·15	—	·26	·05	·93	—	·36	·03	—	·22	—	9
10	·03	·08	·01	·26	·05	—	—	—	·17	—	·11	—	10
11	—	·23	·48	·01	·04	·02	·10	—	·27	—	1·33	·09	11
12	—	·15	·09	—	·11	—	·22	—	1·06	—	·92	·08	12
13	—	·23	·14	·02	—	—	·06	—	·27	—	·55	·15	13
14	—	·26	·13	—	—	—	—	—	·10	—	·30	·26	14
15	—	·02	·50	—	—	—	—	—	·17	—	·09	—	15
16	—	—	·07	—	—	—	1·00	—	·64	—	—	·01	16
17	·03	·55	·12	—	—	·05	·17	—	·65	—	—	·95	17
18	—	·03	·02	—	—	·28	—	—	·05	—	—	·07	18
19	—	·04	·06	—	—	—	·04	—	·12	—	—	·31	19
20	—	·14	·07	—	—	—	—	—	—	·01	—	·02	20
21	—	·18	—	—	—	·18	·01	·02	—	·06	·02	·05	21
22	—	·32	·01	·02	·11	·59	·01	·09	—	·03	—	—	22
23	—	—	·16	·23	·17	·14	·17	—	—	—	·02	·02	23
24	·08	—	·82	·05	·19	·06	·53	·54	—	—	·25	—	24
25	·05	—	—	—	—	—	·53	·36	—	1·01	·10	·62	25
26	·08	—	·04	—	—	—	·02	—	—	·32	·25	·32	26
27	·06	—	—	—	—	—	—	—	—	·54	·37	1·08	27
28	·06	·18	·14	—	·02	—	·04	—	—	·02	·36	·04	28
29	·13	×	·11	—	·02	—	—	·05	—	·26	·13	·02	29
30	·01	×	·28	—	—	—	—	·04	—	·01	·20	·20	30
31	·52	×	·31	×	—	×	·71	—	×	·08	×	—	31
Total	[illegible]·61	2·59	5·12	1·64	2·64	2·61	4·38	3·26	3·53	2·50	5·83	6·16	YEAR'S TOTAL 43·92
Rain Days.	16	16	26	12	15	13	19	14	11	14	* 22	* 25	203

W. 8,000. X. 14.

** See note on back.

Ex [illegible]

3049

REGISTER OF RAINFALL IN 1915.

FORM A.
BRITISH RAINFALL.

26 JAN 1916

Kept at Fieldhead Yard, Rochdale

in the County of Lancashire S

by S. S. Platt, M. Inst. C. E., Borough Surveyor

Lat. 53°-37'-23" North Long. 2°-9' West.

Time of Observation 9.0 a.m

Nearest Railway Station Wardleworth

Diameter of Funnel of Rain Gauge 8 in x 11¾ in. deep

Height of top of Gauge above Ground 12 ft. 0 in.

" " " " Sea Level 493·90 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Ordinary Rain Gauge

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.09	.52	.03	—	.24	—	.14	.15	.15	—	—	.10	1
2	.01	.39	.37	.35	—	.04	.50	.22	—	.08	—	—	2
3	.68	—	.11	.46	—	—	.36	.07	—	—	—	.48	3
4	.03	.23	.02	—	.09	.03	.54	—	.01	—	—	.40	4
5	.19	.12	.24	—	.02	—	—	.01	—	—	.01	.73	5
6	.34	.03	.03	.44	—	—	.54	.17	—	—	.01	.59	6
7	.64	.53	—	.14	.24	—	.21	.36	—	—	—	.20	7
8	.25	.11	—	.07	—	—	—	.20	—	—	.36	—	8
9	—	.03	—	.03	—	—	.01	.04	—	.03	.30	.44	9
10	.95	—	.08	.01	—	—	.02	1.14	—	.01	.16	.25	10
11	.31	—	.02	—	.61	—	—	.29	—	—	.17	.50	11
12	.41	—	—	.08	.05	—	.07	.34	—	.42	1.00	—	12
13	.28	.47	—	—	—	—	.03	.34	—	.01	—	.07	13
14	.24	—	—	.08	—	—	.07	.52	.09	.02	—	.29	14
15	1.42	—	—	—	—	—	.04	.07	.05	—	.30	.20	15
16	—	.51	—	—	.25	—	.75	.45	—	—	—	.01	16
17	—	.42	—	—	—	—	.01	—	—	.01	—	—	17
18	.02	.40	.09	—	—	—	—	—	—	.01	—	—	18
19	.04	.15	.11	.08	.14	—	.24	—	—	—	—	—	19
20	.49	.03	.02	—	.05	—	.10	.02	—	—	—	.35	20
21	.19	.06	—	.04	—	—	.19	—	—	—	—	.16	21
22	.03	—	.07	—	—	.02	.19	—	—	—	—	.25	22
23	—	.01	.11	—	—	—	.30	—	.04	.33	.02	.17	23
24	—	—	.08	.02	—	.03	—	—	.26	.03	—	.41	24
25	—	—	—	—	—	.35	—	—	.13	.01	—	.27	25
26	.01	.49	—	—	—	.18	.21	—	.08	—	—	.48	26
27	—	.25	—	—	—	.01	.07	—	—	.56	—	.44	27
28	—	.39	—	—	.02	.04	.03	.31	—	.18	—	.01	28
29	—	✕	—	—	.02	.21	—	.04	—	.01	.19	.07	29
30	.24	✕	—	.08	—	.06	—	.06	—	—	—	—	30
31	.18	✕	—	✕	—	✕	.01	.62	✕	.23	✕	.28	31
Total	7.04	5.14	1.38	1.88	1.73	.97	4.63	5.42	.81	1.94	2.52	7.15	YEAR'S TOTAL 40.61
Rain Days.	22	19	14	13	11	10	23	20	8	15	10	24	189

W. 8,000. X. 15.

3050

REGISTER OF RAINFALL IN 1915.

FORM A.
BRITISH RAINFALL.

Kept at Fieldhead Yard, Rochdale
in the County of Lancashire S
by S. S. Platt, M. Inst. C.E., Borough Surveyor

Lat. 53° 37' 23" North Long. 2° 9' West
Time of Observation 9.0 a.m.
Nearest Railway Station Wardleworth
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 12 ft. 0 in.
" " " " Sea Level 483·90 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. Self Recording Rain Gauge.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.09	.52	.03	—	.24	—	.14	.15	.15	—	—	.10	1
2	.01	.39	.37	.35	—	.04	.50	.21	—	.08	—	—	2
3	.68	—	.11	.46	—	—	.36	.06	—	—	—	.48	3
4	.03	.23	.02	—	.09	.03	.54	—	.01	—	—	.40	4
5	.19	.12	.24	—	.02	—	—	.01	—	—	.01	.73	5
6	.34	.03	.03	.44	—	—	.54	.17	—	—	.01	.59	6
7	.66	.53	—	.14	.24	—	.21	.37	—	—	—	.20	7
8	.25	.11	—	.07	—	—	—	.20	—	—	.36	—	8
9	—	.03	—	.03	—	—	.01	.04	—	.03	.30	.44	9
10	.96	—	.08	.01	—	—	.02	1.16	—	.01	.16	.25	10
11	.33	—	.02	—	.63	—	—	.29	—	—	.17	.50	11
12	.41	—	—	.08	.05	—	.07	.33	—	.42	1.07	—	12
13	.29	.51	—	—	—	—	.03	.34	—	.01	—	.07	13
14	.23	—	—	.08	—	—	.07	.57	.08	.02	—	.29	14
15	1.45	—	—	—	—	—	.04	.06	.05	—	.30	.20	15
16	—	.51	—	—	.25	—	.76	.45	—	—	—	.01	16
17	—	.42	—	—	—	—	.01	—	—	.01	—	—	17
18	.02	.40	.09	—	—	—	—	—	—	.01	—	—	18
19	.04	.15	.11	.08	.14	—	.24	—	—	—	—	—	19
20	.49	.03	.02	—	.05	—	.10	.02	—	—	—	.35	20
21	.18	.06	—	.04	—	—	.19	—	—	—	—	.16	21
22	.04	—	.07	—	—	.02	.19	—	—	—	—	.25	22
23	—	.01	.11	—	—	—	.30	—	.04	.33	.02	.17	23
24	—	—	.08	.02	—	.02	—	—	.26	.03	—	.41	24
25	—	—	—	—	—	.35	—	—	.13	.01	—	.27	25
26	.01	.49	—	—	—	.18	.21	—	.08	—	—	.50	26
27	—	.25	—	—	—	.01	.06	—	—	.56	—	.44	27
28	—	.40	—	—	.02	.04	.03	.32	—	.18	—	.01	28
29	—	—	—	—	.02	.21	—	.04	—	.01	.19	.07	29
30	.24	×	—	.08	—	.06	—	.05	—	—	—	—	30
31	.18	×	—	×	—	×	.01	.62	×	.23	×	.28	31
Total	7.12	5.19	1.38	1.88	1.75	.96	4.63	5.46	.80	1.94	2.59	7.17	YEAR'S TOTAL 40.87
Rain Days.	22	19	14	13	11	10	23	20	8	15	10	24	189

W. 8,000. X. 15.

2963

FORM A.
BRITISH RAINFALL
18. JAN 1917

REGISTER OF RAINFALL IN 1916.

Kept at Fieldhead Yard, Rochdale.
in the County of Lancashire
by S. S. Platt M. Inst. C. E., Borough Surveyor

Lat. 53° 37' 23" North Long. 2° 9' West.
Time of Observation 9·0 a.m.
Nearest Railway Station Wardleworth
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 12 ft. 0 in.
" " " " Sea Level 483·90 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. Self Recording Rain Gauge.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·25	·10	·10	—	—	·25	·44	·01	—	—	·29	—	1
2	·28	·20	·02	—	—	·03	·01	—	·28	—	·03	—	2
3	—	·18	·01	—	—	·05	·02	—	·51	·38	·12	·01	3
4	·10	·26	—	—	·50	1·08	—	—	·03	·88	·29	—	4
5	·27	·26	—	—	·01	·18	—	—	—	1·25	·21	—	5
6	·96	1·00	·01	—	·37	·13	·21	—	—	·18	·40	·07	6
7	·04	·13	·01	—	·36	·03	·02	—	—	·41	·02	·41	7
8	·02	·15	·14	—	—	·04	—	—	—	·05	·49	·03	8
9	·11	·01	·03	—	·22	·09	·08	—	—	—	·36	·07	9
10	·03	·15	·01	·14	—	·07	·04	—	—	·08	·01	·04	10
11	·10	·48	·08	·64	·02	·05	·04	—	·22	—	—	·14	11
12	·21	·27	·20	·17	·33	—	·70	·02	—	·23	·02	·01	12
13	—	·18	·04	·26	—	—	—	·62	—	1·60	—	·10	13
14	·04	·21	—	·24	·46	—	—	·12	·05	·15	—	·02	14
15	·01	·48	·38	·03	·01	—	·07	·38	·17	·07	—	—	15
16	·04	·33	·54	·37	·01	—	·21	·58	·01	·02	—	—	16
17	·13	·21	—	·76	—	—	·08	·02	·96	·15	·02	·01	17
18	—	·43	—	·17	—	—	—	·03	·38	·12	·31	·22	18
19	·25	—	·23	·21	—	—	—	·23	·02	—	·17	·01	19
20	·40	—	·16	·13	·06	—	·01	—	—	—	·04	·03	20
21	·12	—	—	—	·10	—	—	—	—	—	—	—	21
22	—	·01	—	—	—	·08	—	—	—	·19	—	·03	22
23	·03	—	·04	·13	—	—	—	·03	—	·05	·28	·18	23
24	—	·13	—	·01	—	·01	—	·19	—	·01	—	·07	24
25	·18	·03	·15	—	·07	·02	—	·18	—	·03	·39	·04	25
26	·15	·02	·14	—	—	—	—	—	—	·01	·02	—	26
27	—	·19	·02	—	·02	—	—	·39	—	·38	—	·02	27
28	·01	·17	—	—	—	·03	—	—	—	·75	·03	·62	28
29	—	·07	—	—	—	·14	—	—	—	·39	—	·68	29
30	·01	X	—	—	—	·05	·01	—	—	·86	·02	·09	30
31	—	X	—	X	·05	X	—	·05	X	·19	X	·24	31
Total	3·74	5·65	2·31	3·26	2·59	2·33	1·94	2·85	2·63	8·43	3·52	3·14	YEAR'S TOTAL 42·39
Rain Days.	23	25	19	13	15	17	14	14	10	24	20	23	217

W. 1,000, X. 15.

EDWARD STANFORD, Ltd., 12, 13 & 14, Long Acre, W.C.
Waterlow and Sons Limited, Printers, London Wall, London.

Price 2d.

exd · gs 2962

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REGISTER OF RAINFALL IN 1916.

Kept at Fieldhead Yard, Rochdale

in the County of Lancashire

by S. S. Platt M. Inst C. E., Borough Surveyor

Lat. 53° 37′ 23″ North Long. 2° 9′ West

Time of Observation 9.0 a.m.

Nearest Railway Station Wardleworth

Diameter of Funnel of Rain Gauge 8 in. x 11¼ deep

Height of top of Gauge above Ground 12 ft. 0 in.

" " " " Sea Level 493·90 ft.

2 JAN 1917

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Ordinary Rain Gauge.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·25	·10	·10	—	—	·25	·44	·01	—	—	·29	—	1
2	·28	·20	·02	—	—	·03	·01	—	·28	—	·03	—	2
3	—	·18	·01	—	—	·05	·02	—	·51	·38	·12	·01	3
4	·10	·26	—	—	·50	1·08	—	—	·03	·88	·29	—	4
5	·27	·26	—	—	·01	·18	—	—	—	1·25	·22	—	5
6	·96	1·00	·01	—	·37	·13	·21	—	—	·18	·40	·07	6
7	·04	·13	·01	—	·36	·03	·02	—	—	·41	·02	·41	7
8	·02	·15	·14	—	—	·04	—	—	—	·05	·49	·03	8
9	·11	·01	·03	—	·22	·09	·08	—	—	—	·36	·07	9
10	·03	·15	·01	·14	—	·07	·04	—	—	·08	·01	·04	10
11	·10	·48	·08	·64	·02	·05	·04	—	·22	—	—	·14	11
12	·21	·27	·20	·17	·33	—	·70	·02	—	·23	·02	·01	12
13	—	·18	·04	·26	—	—	—	·62	—	1·55	—	·10	13
14	·04	·21	—	·24	·46	—	—	·12	·05	·16	—	·02	14
15	·01	·48	·38	·03	·01	—	·07	·38	·17	·07	—	—	15
16	·04	·33	·54	·37	·01	—	·21	·58	·01	·02	—	—	16
17	·13	·21	—	·76	—	—	·08	·02	·96	·15	·02	·01	17
18	—	·43	—	·17	—	—	—	·03	·38	·12	·31	·22	18
19	·25	—	·23	·21	—	—	—	·23	·02	—	·17	·01	19
20	·40	—	·16	·13	·06	—	·01	—	—	—	·04	·03	20
21	·12	—	—	—	·10	—	—	—	—	—	—	—	21
22	—	·01	—	—	—	·08	—	—	—	·19	—	·03	22
23	·03	—	·04	·13	—	—	—	·03	—	·05	·28	·18	23
24	—	·13	—	·01	—	·01	—	·19	—	·01	—	·07	24
25	·18	·03	·15	—	·07	·02	—	·18	—	·03	·39	·04	25
26	·15	·02	·14	—	—	—	—	—	—	·01	·02	—	26
27	—	·19	·02	—	·02	—	—	·39	—	·38	—	·02	27
28	·01	·17	—	—	—	·03	—	—	—	·75	·03	·62	28
29	—	·07	—	—	—	·14	—	—	—	·39	—	·68	29
30	·01	×	—	—	—	·05	·01	—	—	·86	·02	·09	30
31	—	×	—	×	·05	×	—	·05	×	·19	×	·24	31
Total	3·74	5·65	2·31	3·26	2·59	2·33	1·94	2·85	2·63	8·39	3·53	3·14	YEAR'S TOTAL 42·36
Rain Days.	23	25	19	13	15	17	14	14	10	24	20	23	217

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2816

REGISTER OF RAINFALL IN 1917

FORM A.
BRITISH RAINFALL.

6. FEB 1918

Kept at Fieldhead Yard - Rochdale
in the County of Lancaster.
by S. S. Platt. M. Inst. C.E.
Borough Surveyor.

Lat. 53° 37' 23" North Long. 2° 9' West
Time of Observation 9 a. m.
Nearest Railway Station Wardleworth
Diameter of Funnel of Rain Gauge 8 in. × 11¾" deep
Height of top of Gauge above Ground 12 ft. 0 in.
" " " " Sea Level 493·90 ft.

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Jan. 1, following.

Ordinary Rain Gauge

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	~~*Date.*~~
1	·11	—	—	·03	—	·29	—	·07	·31	—	·20	·21	1
2	·73	—	—	·01	—	·07	—	·03	—	·01	—	—	2
3	·22	·19	—	—	—	·26	—	·01	—	·48	·07	·05	3
4	·10	·04	·03	—	—	—	—	—	—	·80	—	—	4
5	·32	—	·02	·18	—	—	—	·04	·02	·28	·25	·02	5
6	·06	—	—	—	—	·29	—	—	—	·45	·29	·19	6
7	·62	—	·02	—	—	·05	—	—	—	1·25	·07	·12	7
8	·53	—	—	·30	—	—	—	·31	·01	1·17	·53	·19	8
9	—	—	·01	·05	·03	—	—	·30	—	·16	·60	—	9
10	·33	—	·64	·15	·20	—	—	·05	—	·01	—	—	10
11	·15	·02	—	·02	—	—	—	·03	—	·48	·02	—	11
12	·05	—	—	·04	·43	—	—	·19	—	·47	—	·06	12
13	—	—	—	·25	·10	—	—	·03	·75	·03	·05	·50	13
14	·05	—	—	·14	—	—	—	·53	—	—	—	·34	14
15	·03	—	—	·07	—	—	·92	·04	·19	·05	—	·33	15
16	·02	·12	—	·32	—	—	—	·31	·01	·03	—	·17	16
17	—	·10	·37	·38	·11	—	·31	1·55	—	·09	·02	—	17
18	·02	—	·14	·02	·05	—	·70	·31	·22	·07	—	—	18
19	·03	·21	·28	—	·82	·10	—	—	—	—	·04	—	19
20	—	·28	—	—	·04	·37	—	·12	·32	—	·40	—	20
21	·02	·02	·04	—	·05	·01	—	·40	—	·09	·01	—	21
22	—	—	—	—	—	—	—	·19	·27	·38	·11	—	22
23	·01	·11	—	—	·13	·18	—	·11	·04	·11	—	·07	23
24	—	—	—	—	—	·04	—	·29	—	1·05	·36	·04	24
25	—	·08	·11	—	—	—	—	·15	—	·20	·11	—	25
26	—	—	—	—	—	·20	—	·60	·29	·19	1·21	—	26
27	—	—	·05	—	·36	·14	·41	·39	—	·14	·27	·04	27
28	—	·02	·43	—	—	—	—	·42	·01	·13	·06	·07	28
29	—		·23	—	·18	—	·04	·13	—	·52	·23	·13	29
30	·03	✕	·37	—	—	—	—	·09	—	·16	·11	—	30
31	—	✕	·33	✕	·01	✕	—	·31	✕	—	✕	—	31
Total	3·43	1·19	3·07	1·96	2·51	2·00	2·38	7·00	2·44	8·80	5·01	2·53	YEAR'S TOTAL 42·32
Rain Days.	19	11	15	14	13	12	5	27	12	26	21	16	191

W. 8,000, IX. 17.

2817

FORM A.
BRITISH RAINFALL.

6 FEB 1918

REGISTER OF RAINFALL IN 1917

Kept at Fieldhead Yard Rochdale

in the County of Lancashire

by S. S. Platt, M. Inst. C. E. Borough Surveyor

Lat. 53° 17′ 23″ North Long. 2° 9′ West

Time of Observation 9.0 a.m.

Nearest Railway Station Wardleworth

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 12 ft. 0. in.

" " " " Sea Level 458·90 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Self Recording Rain Gauge

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	·11												
1	·73	—	—	·03	—	·29	—	·07	·31	—	·20	·21	1
2	·22	—	—	·01	—	·07	—	·03	—	·01	—	—	2
3	·10	·19	—	—	—	·26	—	·01	—	·48	·07	·05	3
4	·32	·04	·03	—	—	—	—	—	—	·80	—	—	4
5	·06	—	·02	·18	—	—	—	·04	·02	·28	·25	·02	5
6	·66	—	—	—	—	·29	—	—	—	·45	·29	·19	6
7	·52	—	·02	—	—	·03	—	—	—	1·28	·07	·12	7
8	—	—	—	·30	—	—	—	·31	·01	1·17	·53	·19	8
9	·33	—	·01	·05	·03	—	—	·30	—	·16	·60	—	9
10	·15	—	·64	·15	·20	—	—	·05	—	·01	—	—	10
11	·05	·02	—	·02	—	—	—	·03	—	·48	·02	—	11
12	—	—	—	·04	·43	—	—	·19	—	·47	—	·06	12
13	·05	—	—	·25	·10	—	—	·03	·73	·03	·05	·50	13
14	·03	—	—	·14	—	—	—	·53	—	—	—	·34	14
15	·02	—	—	·07	—	—	·92	·04	·19	·05	—	·33	15
16	—	·12	—	·32	—	—	—	·31	·01	·03	—	·17	16
17		·10	·35	·38	·11	—	·31	1·55	—	·09	·02	—	17
18	·02	—	·14	·02	·05	—	·70	·31	·22	·07	—	—	18
19	·03	·20	·26	—	·86	·10	—	—	—	—	·04	—	19
20	—	·28	—	—	·04	·37	—	·12	·33	—	·40	—	20
21	·02	·02	·04	—	·05	·01	—	·40	—	·09	·01	—	21
22	—	—	—	—	—	—	—	·19	·27	·38	·11	—	22
23	·01	·11	—	—	·13	·18	—	·11	·04	·11	—	·07	23
24	—	—	—	—	—	·04	—	·29	—	1·05	·36	·04	24
25	—	·08	·11	—	—	—	—	·15	—	·20	·11	—	25
26	—	—	—	—	—	·20	—	·60	·29	·19	1·21	—	26
27	—	—	·05	—	·36	·14	·41	·19	—	·14	·27	·04	27
28	—	·02	·40	—	—	—	—	·43	·01	·12	·06	·07	28
29	—	—	·21	—	·18	—	·04	·13	—	·52	·21	·13	29
30	·03		·37	—	—	—	—	·09	—	·16	·11	—	30
31	—		·33		·01		—	·31		—		—	31
Total	3·47	1·18	3·03	1·96	2·55	2·00	2·28	7·00	2·44	9·80	5·01	2·53	YEAR'S TOTAL 42·35
Rain Days.	19	11	15	14	13	12	5	27	12	26	21	16	191

W. 8,000, IX. 17.

Exd M S

REGISTER OF RAINFALL IN 1918.

FORM A.
BRITISH RAINFALL
11.1.19

Kept at Fieldhead Yard, Princess Street, Rochdale

in the County of S Lancaster

by ~~L. S. Platt~~ A Yarwood, Borough Surveyor Rochdale

Lat. 53°37'23" North Long. 2° 9' West.

Time of Observation 9.0 am

Nearest Railway Station Wardleworth

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 12 ft. 0 in.

" " " " Sea Level 483.90 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Ordinary Rain Gauge.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—	·38	—	.07	.02	—	—	—	.68	.12	.15	.48	1
2	—	·33	—	.10	—	—	—	—	.14	.05	—	.81	2
3	—	·04	—	—	.76	—	—	.03	.03	.39	—	.02	3
4	·03	·02	—	—	—	—	—	.28	.07	.23	.58	.38	4
5	—	—	.01	.13	.08	.01	—	.73	.27	.44	.17	.01	5
6	·08	1·96	—	.34	—	.26	—	.19	—	.11	—	.01	6
7	—	·20	—	.46	—	—	.01	.03	.24	.54	.18	—	7
8	·12	·11	.04	—	—	—	.18	.02	.69	.29	.09	.03	8
9	·34	·75	—	—	—	.18	—	—	.96	.66	.09	.06	9
10	·04	·47	.03	—	—	—	.01	—	.96	.12	.37	.04	10
11	·45	·19	.04	—	.05	—	.15	.03	.48	—	—	.28	11
12	·08	·43	—	.08	.01	—	.24	—	.40	—	—	.62	12
13	·04	—	—	.01	.34	—	—	—	.39	.29	—	—	13
14	·67	—	—	—	—	.12	.15	—	.48	.16	—	.29	14
15	·04	—	—	—	.01	.02	.60	—	1.68	—	—	.67	15
16	·04	—	—	—	—	.01	.07	—	.28	—	—	.41	16
17	·29	—	—	—	.02	.08	.10	.21	.15	.06	—	.39	17
18	·18	—	.12	—	—	.04	.44	.02	.40	—	—	.75	18
19	·23	·09	.17	.09	—	—	.26	.22	.77	.01	—	.70	19
20	·13	·54	—	.10	—	.21	.60	—	.81	—	—	—	20
21	·25	·80	—	—	.12	.23	—	—	.57	.08	—	.02	21
22	·12	·03	—	—	.58	.06	.37	.01	.08	—	—	.99	22
23	·07	·03	—	—	.15	—	.30	—	.15	—	.06	.06	23
24	·01	·09	—	—	—	—	.07	.12	.21	.01	.03	.17	24
25	—	—	—	—	.01	.04	.20	.41	.28	.01	.01	—	25
26	—	·23	—	—	—	—	.01	.02	.59	.08	.29	.27	26
27	—	·22	.35	—	—	.03	—	.48	.59	.02	.26	.79	27
28	—	·03	.55	—	—	—	—	.05	.12	—	.17	.59	28
29	—	X	—	—	—	—	—	—	.07	—	—	.33	29
30	—	X	.32	—	—	—	—	.15	—	.02	.26	.34	30
31	—	X	.30	X	—	X	—	.18	X	—	X	—	31
Total	3·21	6·94	1·93	1.38	2-15	1-29	3-76	3.18	12.54	3·69	2·71	9·51	YEAR'S TOTAL 52·29
Rain Days.	19	20	10	9	12	13	17	18	28	20	14	26	206

EDWARD STANFORD, Ltd., 12, 13 & 14, Long Acre, W.C.
Waterlow and Sons Limited, Printers, London Wall, London.

W. 500, IX. 17.

Price 2d.

REGISTER OF RAINFALL IN 1918

FORM A. BRITISH RAINFALL

11. 1 19

Kept at Fieldhead Yard, Princess St. Rochdale

in the County of Lancaster

by H. Yarwood, Borough Surveyor Rochdale

Lat. 53° 37' 23" North Long. 2° 9' West

Time of Observation 9.0 am

Nearest Railway Station Wardleworth

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 12 ft. 0 in.

" " " " Sea Level 483·90 ft.

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Jan. 1, following.

Self Recording Rain Gauge

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
									.68^{1}				
1	—	.38	—	.07	.02	—	—	—	.14^{2}	.12	.15	.48	1
2	—	.32	—	.10	—	—	—	—	.03^{3}	.05	—	.81	2
3	—	.07	—	—	.76	—	—	.03	.07^{4}	.39	—	.02	3
4	.03	.02	—	—	—	—	—	.28	1.27^{5}	.23	.58	.38	4
5	—	—	.01	.13	.08	.01	—	.73	—^{6}	.44	.17	.01	5
6	.08	2.03	—	.34	—	.26	—	.19	.24^{7}	.11	—	.01	6
7	—	.20	—	.46	—	—	—	.03	.69^{8}	.54	.18	—	7
8	.12	.11	.04	—	—	—	.18	.02	.96^{9}	.29	.09	.03	8
9	.34	.75	—	—	—	.18	—	—	.96^{10}	.66	.09	.06	9
10	.04	.47	.03	—	—	—	.01	—	.48^{11}	.12	.27	.04	10
11	.45	.19	.04	—	.05	—	.15	.03	.40^{12}	—	—	.28	11
12	.08	.43	—	.08	.01	—	.24	—	.39^{13}	—	—	.62	12
13	.04	—	—	.01	.34	—	—	—	.48^{14}	.29	—	—	13
14	.65	—	—	—	—	.10	.15	—	1.73^{15}	.16	—	.29	14
15	.04	—	—	—	.01	.02	.60	—	.28^{16}	—	—	.67	15
16	.04	—	—	—	—	.01	.07	—	.15^{17}	—	—	.41	16
17	.29	—	—	—	.02	.08	.10	.21	.40^{18}	.06	—	.39	17
18	.48	—	.12	—	—	.04	.44	.02	.77^{19}	—	—	.75	18
19	.22	.09	.17	.09	—	—	.26	.22	.81^{20}	.01	—	.70	19
20	.13	.54	—	.10	—	.21	.60	—	.57^{21}	—	—	—	20
21	.35	.60	—	—	.12	.23	—	—	.08^{22}	.08	—	.02	21
22	.17	.03	—	—	.58	.06	.37	.01	.15^{23}	—	—	.99	22
23	[illegible]	.02	—	—	.15	—	.30	—	.21^{24}	—	.06	.06	23
24	.01	.09	—	—	—	—	.07	.12	.28^{25}	.01	.03	.17	24
25	—	—	—	—	.01	.04	.20	.41	.59^{26}	.01	.01	—	25
26	—	.23	—	—	—	—	.01	.02	.59^{27}	.08	.29	.27	26
27	—	.22	.35	—	—	.03	—	.48	.12^{28}	.02	.26	.79	27
28	—	.03	.55	—	—	—	—	.05	.07^{29}	—	.17	.59	28
29	—		—	—	—	—	—	—	—^{30}	—	—	.33	29
30	—	X	.32	—	—	—	—	.15		.02	.26	.34	30
31	—	X	.30	X	—	X	—	.18	X	—	X	—	31
Total	3·49	7·04	1·93	1·38	2·15	1·27	3·75	3·18	12·59	3·69	2·71	9·51	YEAR'S TOTAL 52·69
Rain Days.	19	20	10	9	12	13	16	18	28	20	14	26	205

W. 6,500, VII. 18, W W C

2662

Form A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1919.

Kept at Fieldhead Yard, Rochdale
in the County of Lancaster
by Henry Yarwood, Borough Surveyor, Rochdale

Lat 53° 37′ 23″ North Long 2° 9′ West
Time of Observation 9·0 a.m.
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Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 12 ft 0 in.
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Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Ordinary Rain Gauge

Date	**Jan.**	**Feb.**	**March**	**April**	**May**	**June**	**July**	**August**	**Sept.**	**Oct.**	**Nov.**	**Dec.**	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·67	-	·01	·02	·80	-	·29	·10	·36	·55	·02	·13	1
2	·22	-	·39		·09	-	·18	·07	·05	·04	·02	·35	2
3	·50	-	-	-	·08	·08	·12	-	·04	-	·14	·20	3
4	·30	·01	·21	-	·02	·02	·14	·16	·01	-	·01	·15	4
5	-	-	-	·03	·01	-	-	-	-	·01	·01	·61	5
6	·01	-	·66	-	·58	-	-	-	-	-	-	·16	6
7	·06	-	·31	·01	·02	-	-	-	·03	-	·23	-	7
8	·14	-	·06	·02	-	·12	-	-	-	-	-	-	8
9	·41	-	·16	·03	-	·02	-	-	-	-	·03	-	9
10	-	-	1·00	·23	-	-	-	-	-	-	-	·40	10
11	·01	-	·71	·13	·10	-	·17	-	-	·05	-	-	11
12	·01	-	·50	·17	·02	·15	·10	-	·05	·13	·03	-	12
13	·42	-	·02	·23	-	·01	·02	·01	-	·25	-	·04	13
14	·48	-	-	·32	-	-	-	·01	-	-	-	-	14
15	·32	·02	·03	·02	-	-	-	·01	-	-	-	·39	15
16	·16	·28	-	·03	-	·01	-	-	-	-	·24	·05	16
17	·09	·06	-	·13	·04	·46	-	·50	-	-	1·20	·05	17
18	-	-	·38	-	-	-	·04	·43	·19	-	·04	·63	18
19	·06	·16	·51	-	-	·20	·60	·15	·03	-	·30	·07	19
20	·42	·07	·03	-	-	(·30)	·20	·09	·02	-	·10	1·12	20
21	·04	·45	·02	-	-	-	·20	-	·08	-	·09	·24	21
22	-	·06	·01	-	-	·10	·01	·04	·36	-	·15	1·00	22
23	-	-	·01	-	-	·17	-	·01	-	·77	·12	·35	23
24	-	-	-	·12	·14	·01	-	·02	·53	·18	·34	·39	24
25	·23	-	-	·27	·11	·07	-	·73	·06	-	·40	·07	25
26	·12	-	·70	·09	-	·04	-	·78	·12	-	·07	·72	26
27	·07	-	·01	·16	-	·01	-	·02	-	-	-	·15	27
28	-	-	-	·03	-	·01	-	·33	-	·05	-	·60	28
29	·04	✕	-	·18	-	·01	-	·02	-	·53	-	·11	29
30	·01	✕	·12	-	-	·04	-	-	-	·12	·28	·26	30
31	-	✕	·03	✕	-	✕	·38	·01	✕	-	✕	·04	31
Total	4·79	1·11	5·88	2·22	2·01	1·83	2·45	3·49	1·93	2·68	3·82	8·28	Year's Total 40·49
Days with ·01 in. or more	23	8	22	19	12	19	13	19	14	11	20	25	205

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

2549

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

JAN 1921

Kept at Fieldhead Yard, Rochdale
in the County of Lancaster
by Henry Yarwood, Borough Surveyor, Rochdale

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Nearest Railway Station Wardleworth
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Jan. 1, following.

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Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—	·08	·07	·53	—	1·25	·06	·10	·04	·05	·15	1
2	—	—	·01	·14	·02	—	·51	·24	·45	·14	—	·24	2
3	—	·02	—	·09	·08	·02	·58	·09	·30	·06	—	·35	3
4	—	—	—	·06	·01	—	·10	1·68	·11	·64	—	·01	4
5	—	—	·08	—	·85	—	·25	·32	·32	·38	—	·03	5
6	—	—	·47	·30	·20	—	·02	·01	—	—	·04	·06	6
7	·30	·02	·20	·09	·03	—	·20	—	—	—	·01	—	7
8	·21	·08	—	·25	·14	—	·13	·08	—	—	—	—	8
9	·48	1·38	·02	·35	—	—	·37	·06	—	—	·07	—	9
10	·90	1·20	·11	·09	—	—	·90	—	—	—	—	·01	10
11	·40	·07	·01	·01	·27	·24	·01	—	—	—	—	·01	11
12	·26	·23	·21	·25	·06	·02	·15	·01	—	—	·23	·01	12
13	·20	·09	·28	·32	·01	·60	·08	—	—	—	·12	·02	13
14	·03	·17	·11	·30	—	·54	·10	—	·90	·04	·74	—	14
15	—	·19	·02	·50	—	—	·03	—	·02	·31	·06	—	15
16	—	—	·27	·11	·09	·02	·83	—	·20	—	·24	—	16
17	·11	—	·02	—	·25	—	—	·36	·60	·02	—	—	17
18	·16	—	—	·26	·62	—	·06	—	·39	—	—	—	18
19	·08	1·10	—	·08	·63	·17	·02	·14	—	—	—	—	19
20	·23	—	—	·23	—	·11	·35	—	—	—	—	·08	20
21	·05	—	—	·01	—	—	·81	·02	—	·01	—	·34	21
22	·10	—	—	·50	—	·01	·70	·01	—	—	—	·05	22
23	—	—	·01	·10	—	—	·80	·01	—	—	—	·43	23
24	·04	—	·70	·13	—	—	·01	—	—	—	—	·31	24
25	—	·05	·07	·12	—	—	1·20	—	—	—	—	—	25
26	·12	·17	·50	·58	·70	—	·04	—	—	—	·05	·03	26
27	·12	·03	·07	·09	·73	·76	·04	—	—	—	·23	·05	27
28	·56	·04	·28	·33	·20	·10	·03	—	—	—	·04	·35	28
29	·15	—	·52	·17	1·11	·02	·54	—	—	—	·26	·80	29
30	·55	×	·01	·15	·25	·15	—	—	·28	—	·13	·46	30
31	·40	×	·01	×	·23	×	·07	—	×	·09	×	·15	31
TOTAL	5·45	4·84	4·06	5·68	7·01	2·76	10·18	3·09	3·67	1·73	2·27	3·94	YEAR'S TOTAL 54·68
Days with ·01 in. or more	21	15	23	28	21	13	29	14	11	10	14	21	220.

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

·04 20	12	15	26	17	8	23	9	10	8	13	14	175

LANCASHIRE

ROCHDALE - NADEN DEAN

1914, 1918 -1920

REGI

14

FORM A.
BRITISH RAINFALL.
9 - JAN 1915

Kept at Rochdale Naden Den
in the County of Lanca
by N & M. Wa

ng.
9 am.
on Wardleworth
ge 5 in.
e above Ground 1 ft. 3½ in.
" Sea Level 948·19 ft.

IMPORTANT NOT and the result entered to the previous day. If an O universal rule, he is earnestly requested to add the rea g year in the space provided for it at the end of this paragraph asurement of rain, the selection and placing of rain gauges, and particulars as the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1					0.00								1
2	0.01									0.16			2
3				0.00			1.14						3
4									0.00			0.92	4
5						0.22							5
6		0.06	1.18								0.85		6
7								1.53					7
8					1.88								8
9	2.29									0.03			9
10				1.35			0.19						10
11									0.70			0.45	11
12						1.04							12
13		0.90	1.15								2.63		13
14								0.91					14
15					0.30								15
16	0.05									0.00			16
17				0.02			1.83						17
18									3.26			1.82	18
19						0.39							19
20		1.00	0.93								0.37		20
21								0.03					21
22					0.05								22
23	0.05									0.14			23
24				0.30			0.60						24
25									0.16			1.20	25
26						0.99							26
27		0.36	1.14								1.06		27
28		0.16						1.30					28
29		X			0.74								29
30	0.59	X		0.00		0.01			0.03	2.65	0.64		30
31	0.46	X	0.95	X	0.00	X	1.63	0.16	X	0.08	X	1.73	31 ✓
Total	3.45 ✓	2.48 ✓	5.35 ✓	1.67 ✓	2.97 ✓	2.65 ✓	5.39 ✓	3.93 ✓	4.15 ✓	3.06 ✓	5.55 ✓	6.12 ✓	YEAR'S TOTAL 46.77
Rain Days.		Taken Weekly and Monthly.											—

W. 8,000. X. 14.

FORM A.
BRITISH RAINFALL.
9 - JAN 1915

REGISTER OF RAINFALL IN 1914

Kept at Rochdale Naden Dene (New Gauge)
in the County of Lancaster, 5 3
by N & M. Water Board,

Lat. — Long. —
Time of Observation 9 am.
Nearest Railway Station Wardleworth
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 3 1/2 in.
" " " " Sea Level 948·19 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1					0·00								1
2	0·01									0·16			2
3				0·00			1·14						3
4									0·00			0·92	4
5						0·22							5
6		0·06	1·18								0·85		6
7								1·53					7
8					1·88								8
9	2·29									0·03			9
10				1·35			0·19						10
11									0·70			0·45	11
12						1·04							12
13		0·90	1·15								2·63		13
14								0·91					14
15					0·30								15
16	0·05									0·00			16
17				0·02			1·83						17
18									3·26			1·82	18
19						0·39							19
20		1·00	0·93								0·37		20
21								0·03					21
22					0·05								22
23	0·05									0·14			23
24				0·30			0·60						24
25									0·16			1·20	25
26						0·99							26
27		0·36	1·14								1·06		27
28		0·16						1·30					28
29					0·74								29
30	0·59			0·00		0·01			0·03	2·65	0·64		30
31	0·46		0·95		0·00		1·63	0·16		0·08		1·73	31
Total	3·45 ✓	2·48 ✓	5·35 ✓	1·67 ✓	2·97 ✓	2·65 ✓	5·39 ✓	3·93 ✓	4·15 ✓	3·06 ✓	5·55 ✓	6·12 ✓	YEAR'S TOTAL 46·77 ✓
Rain Days.		Taken Weekly and Monthly.											—

W. 8,000. X. 14.

Ex 976

7.66

REGISTER OF RAINFALL IN 1918

FORM A.
BRITISH RAINFALL.

21 6.

Kept at Near Naden Dean Farm

in the County of S. Lancaster

by Heywood & Middleton Water Board

Lat. Long.

Time of Observation 9 A M

Nearest Railway Station Wardleworth Station

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 3½ in.

" " " " Sea Level 948.19 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

New Gauge

Date 1918	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		0.36	0.00								0.21		1
2								0.00					2
3					1.11								3
4	0.09									1.02			4
5				0.29			0.00						5
6									1.08			2.02	6
7						0.35							7
8		2.46	0.16								0.77		8
9								1.67					9
10					0.27								10
11	0.80									2.14			11
12				0.59			0.51						12
13									4.14			1.15	13
14						0.35							14
15		1.94	0.12								0.45		15
16								0.17					16
17					0.44								17
18	1.54									0.75			18
19				0.05			1.64						19
20									4.55			3.08	20
21						0.87							21
22		1.31	0.40								0.00		22
23								0.50					23
24					1.16								24
25	1.05									0.09			25
26				0.13			1.75						26
27									2.55			2.25	27
28		0.50				0.20							28
29			1.07								1.06		29
30		X		0.00		0.00		1.77	0.18		0.27		30
31	0.00	X	0.69	X	0.05	X	0.00	0.17	X	0.22	X	1.38	31
Total	3.48	6.57	2.44	1.06	3.03	1.77	3.90	4.28	12.50	4.22	2.76	9.88	YEAR'S TOTAL 55.89
Rain Days.													

W. 8,000. X. 14.

2673

4 FEB 20

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Naden, near Naden Farm

in the County of Lancaster N. G.

by The Heywood + Middleton W.B.

Lat. Long.

Time of Observation 9 A.M.

Nearest Railway Station Wardleworth Station

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft 3½ in.

" " " " Sea Level 948.19 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1								0.13					1
2					0.68								2
3	1.10									0.71			3
4				0.00			0.89						4
5									0.73			1.27	5
6						0.09							6
7		0.03	1.64								0.45		7
8								0.38					8
9					0.81								9
10	0.40									0.00			10
11				0.46			0.15						11
12									0.07			0.41	12
13						0.22							13
14		0.00	1.63								0.22		14
15								0.06					15
16					0.33								16
17	1.61									0.56			17
18				1.14			0.23						18
19									0.32			1.21	19
20						0.80							20
21		0.93	0.65								1.77		21
22								1.46					22
23					0.03								23
24	0.84									1.06			24
25				0.41			0.65						25
26									1.14			3.93	26
27						0.50							27
28		0.11	0.51								1.05		28
29								2.09					29
30		X		0.50	0.19	0.15			0.00		0.33		30
31	0.56	X	0.08	X	0.00	X	0.46	0.00	X	0.61	X	1.24	31
TOTAL	4.51	1.07	4.51	2.51	2.04	1.76	2.38	4.12	2.26	2.94	3.82	8.06	YEAR'S TOTAL 39.98
Days with ·01 in. or more													

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

Form A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

24 JAN 1921

2 2559

REGISTER OF RAINFALL IN 1920.

Kept at Near Naden Dean Farm
in the County of Lancaster
by Heywood & Middleton Water Board

Lat. Long.
Time of Observation 9 A.M.
Nearest Railway Station Wardleworth
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 3½ in.
" " " " Sea Level 948.19 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1										0.06			1
2	0.00			0.29			1.42						2
3									0.75			0.82	3
4						0.07							4
5			0.28								0.00		5
6		0.02						2.39					6
7					1.68								7
8										1.21			8
9	1.12			1.13			1.98						9
10									0.53			0.14	10
11						0.31							11
12			0.75								0.43		12
13		2.44						0.20					13
14					0.66								14
15										0.25			15
16	1.45			1.85			2.08						16
17									1.21			0.07	17
18						1.54							18
19			0.40								1.05		19
20		1.06						0.50					20
21					1.18								21
22										0.10			22
23	0.68			1.28			2.39						23
24									0.27			1.25	24
25						0.35							25
26			1.29								0.08		26
27		0.27						0.09					27
28					1.02								28
29		0.05								0.00			29
30	0.94	X		1.30		0.89	1.71		0.25		0.73		30
31	0.21	X	1.00	X	1.55	X	0.06	0.00	X	0.08	X	1.85	31
Total	4.40	3.84	3.72	5.85	6.09	3.16	9.64	3.18	3.01	1.70	2.29	4.13	Year's Total 51.01
Days with ·01 in. or more													
Days with ·04 in. or more													

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

LANCASHIRE

ROCHDALE - NADEN FILTERS

1911-12, 1914 -1920

FORM A2. BRITISH RAINFALL.

15 JUN 1912

1911

Casartelli

Kept at Naden

in the County of La

by Heywood & M

of top 5 in.

top above Ground 1 ft. 7½ in.

" " Sea Level 760·74 ft.

ion

Station { Name Wardleworth

Distance about 3 miles Direction E

IMPORTANT N m., and the result entered to the previous day. If an st universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0·00	0·00	0·72	0·00	0·03	0·00	0·15	0·02	0·00	0·00	0·38	0·00	1
2	0·09	0·00	0·17	0·00	0·21	0·00	0·03	0·06	0·00	0·16	0·07	0·12	2
3	0·00	0·00	0·20	0·00	0·39	0·00	0·00	0·00	0·02	0·02	0·70	0·06	3
4	0·00	0·00	0·16	0·01	0·00	0·00	0·01	0·13	0·06	0·04	0·66	0·17	4
5	0·18	0·00	0·07	0·02	0·01	0·00	0·00	0·55	0·00	0·00	0·34	0·06	5
6	0·23	0·00	0·06	0·12	0·00	0·00	0·00	0·56	0·00	0·09	0·43	0·17	6
7	0·15	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·09	0·11	0·01	7
8	0·25	0·00	0·32	0·00	0·00	0·00	0·00	0·00	0·08	0·02	0·00	0·76	8
9	0·05	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·02	0·03	0·17	9
10	0·20	0·10	0·20	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·54	10
11	0·24	0·00	0·01	0·00	0·00	0·00	0·00	0·00	0·03	0·00	0·09	0·39	11
12	0·04	0·00	0·18	0·00	0·00	0·00	0·00	0·00	1·25	0·00	0·60	0·00	12
13	0·00	0·01	0·00	0·00	0·66	0·00	0·00	0·00	0·00	0·00	0·23	0·54	13
14	0·03	0·81	0·01	0·00	0·56	0·00	0·00	0·00	0·00	0·00	0·07	0·20	14
15	0·00	0·33	0·02	0·04	0·02	0·00	0·00	0·00	0·00	0·03	0·22	0·40	15
16	0·00	0·92	0·03	0·00	0·00	0·13	0·01	0·00	0·00	0·00	0·19	0·27	16
17	0·05	0·02	0·06	0·00	0·02	0·66	0·01	0·00	0·00	0·00	0·22	0·14	17
18	0·00	0·48	0·05	0·00	0·00	0·23	0·00	0·04	0·00	0·04	0·15	0·17	18
19	0·00	0·11	0·00	0·07	0·00	0·32	0·06	0·00	0·26	0·54	0·10	0·18	19
20	0·00	0·23	0·00	0·46	0·00	0·00	0·04	0·52	0·06	0·41	0·00	0·41	20
21	0·02	0·91	0·02	0·00	0·00	0·00	0·01	0·00	0·00	0·10	0·00	0·41	21
22	0·06	0·04	0·00	0·06	0·00	0·03	0·00	0·00	0·00	0·27	0·06	0·02	22
23	0·00	0·40	0·00	0·00	0·29	0·30	0·00	0·00	0·35	0·08	0·00	0·27	23
24	0·24	0·22	0·00	0·19	0·00	1.20	0·00	0·04	0·00	0·36	0·00	0·14	24
25	0·03	0·57	0·00	0·36	0·00	0·07	0·07	0·00	0·78	0·10	0·00	0·36	25
26	0·00	0·03	0·00	0·26	0·01	0·15	0·08	0·13	0·00	0·41	0·14	0·47	26
27	0·03	0·51	0·02	0·52	0·00	0·00	0·00	0·64	0·81	0·00	0·00	0·17	27
28	0·00	0·35	0·00	0·35	0·00	0·24	0·00	0·01	0·13	0·00	0·04	0·53	28
29	0·00		0·00	0·51	0·00	0·38	0·00	0·01	0·87	0·80	0·00	0·15	29
30	0·00		0·00	0·02	0·05	0·31	0·00	0·00	0·01	0·28	0·02	0·00	30
31	0·00		0·11		0·00		0·00	0·00		0·03		0·04	31
Total	1·86	6·04	2·41	2·99	2·23	4·02	0·47	2·71	4·71	3·89	4·85	7·32	TOTAL for year 43·50
No. of Rain Days.	16	17	18	14	10	12	10	12	13	20	21	28	191

W. 8,000, X. '11.

FORM A2.
BRITISH RAINFALL.
15 JUN 1912

REGISTER OF RAINFALL IN 1911

Kept at Naden

in the County of Lancaster S 3

by Heywood & Middleton Water Board

RAIN GAUGE
Pattern Casartelli
Diameter of top 5 in.
Height of top above Ground 1 ft. 7½ in.
" " " Sea Level 760·74 ft.

Time of Observation

Nearest Railway Station
Name Wardleworth
Distance about 3 mile Direction E

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0·00	0·00	0·72	0·00	0·03	0·00	0·15	0·02	0·00	0·00	0·38	0·00	1
2	0·09	0·00	0·17	0·00	0·21	0·00	0·03	0·06	0·00	0·16	0·07	0·12	2
3	0·00	0·00	0·20	0·00	0·39	0·00	0·00	0·00	0·02	0·02	0·70	0·06	3
4	0·00	0·00	0·16	0·01	0·00	0·00	0·01	0·13	0·06	0·04	0·66	0·17	4
5	0·18	0·00	0·07	0·02	0·01	0·00	0·00	0·55	0·00	0·00	0·34	0·06	5
6	0·23	0·00	0·06	0·12	0·00	0·00	0·00	0·56	0·00	0·09	0·43	0·17	6
7	0·15	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·09	0·11	0·01	7
8	0·25	0·00	0·32	0·00	0·00	0·00	0·00	0·00	0·08	0·02	0·00	0·76	8
9	0·05	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·02	0·03	0·17	9
10	0·20	0·10	0·20	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·54	10
11	0·24	0·00	0·01	0·00	0·00	0·00	0·00	0·00	0·03	0·00	0·09	0·39	11
12	0·04	0·00	0·18	0·00	0·00	0·00	0·00	0·00	1·25	0·00	0·60	0·00	12
13	0·00	0·01	0·00	0·00	0·66	0·00	0·00	0·00	0·00	0·00	0·23	0·54	13
14	0·03	0·81	0·01	0·00	0·56	0·00	0·00	0·00	0·00	0·00	0·07	0·20	14
15	0·00	0·33	0·02	0·04	0·02	0·00	0·00	0·00	0·00	0·03	0·22	0·40	15
16	0·00	0·92	0·03	0·00	0·00	0·13	0·01	0·00	0·00	0·00	0·19	0·27	16
17	0·05	0·02	0·06	0·00	0·02	0·66	0·01	0·00	0·00	0·00	0·22	0·14	17
18	0·00	0·48	0·05	0·00	0·00	0·23	0·00	0·04	0·00	0·04	0·15	0·17	18
19	0·00	0·11	0·00	0·07	0·00	0·32	0·06	0·00	0·26	0·54	0·10	0·18	19
20	0·00	0·23	0·00	0·46	0·00	0·00	0·04	0·52	0·06	0·41	0·00	0·41	20
21	0·02	0·91	0·02	0·00	0·00	0·00	0·01	0·00	0·00	0·10	0·00	0·41	21
22	0·06	0·04	0·00	0·06	0·00	0·03	0·00	0·00	0·00	0·27	0·06	0·02	22
23	0·00	0·40	0·00	0·00	0·29	0·30	0·00	0·00	0·35	0·08	0·00	0·27	23
24	0·24	0·22	0·00	0·19	0·00	1·20	0·00	0·04	0·00	0·36	0·00	0·14	24
25	0·03	0·57	0·00	0·36	0·00	0·07	0·07	0·00	0·78	0·10	0·00	0·36	25
26	0·00	0·03	0·00	0·26	0·01	0·15	0·08	0·13	0·00	0·41	0·14	0·47	26
27	0·03	0·51	0·02	0·52	0·00	0·00	0·00	0·64	0·81	0·00	0·00	0·17	27
28	0·00	0·35	0·00	0·35	0·00	0·24	0·00	0·01	0·13	0·00	0·04	0·53	28
29	0·00		0·00	0·51	0·00	0·38	0·00	0·01	0·87	0·80	0·00	0·15	29
30	0·00		0·00	0·02	0·05	0·31	0·00	0·00	0·01	0·28	0·02	0·00	30
31	0·00		0·11		0·00		0·00	0·00		0·03		0·04	31
Total	1·86	6·04	2·41	2·99	2·23	4·02	0·47	2·71	4·71	3·89	4·85	7·32	TOTAL for year 43·50
No. of Rain Days.	16	17	18	14	10	12	10	12	13	20	21	28	195

W. 8,000, X. '11.

Cor for anty 14·III·13

REGISTER OF RAINFALL IN 1912

FORM A. BRITISH RAINFALL.

30 JAN 1913

Kept at Naden, Norden, Nr. Rochdale.

in the County of Lancaster. S3

by Heywood & Middleton Water Board.

Lat. .... Long. ....

Time of Observation 9 a.m

Nearest Railway Station Wardleworth

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 7½ in.

" " " " Sea Level 760·74 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
1	0·00	0·00	0·23	0·00	0·00	0·05	0·09	0·02	0·14	0·00	0·03	0·79	1
2	0·01	0·02	0·19	0·03	0·11	0·18	0·18	0·00	0·09	0·00	0·00	0·16	2
3	0·51	0·00	0·10	0·00	0·00	0·46	0·00	0·65	0·88	0·00	0·02	0·27	3
4	0·52	0·00	0·53	0·50	0·05	0·70	0·00	0·99	0·05	0·00	0·64	0·00	4
5	0·27	0·01	0·00	0·00	0·49	0·05	0·00	0·01	0·07	0·02	0·03	0·03	5
6	0·30	0·27	0·00	0·01	0·08	0·00	0·00	0·33	0·00	0·03	0·00	0·00	6
7	0·00	0·13	0·03	0·03	0·16	0·02	0·02	0·03	0·34	0·00	0·04	0·01	7
8	0·32	0·31	0·12	0·16	0·00	0·01	0·00	0·02	0·11	0·00	0·10	0·00	8
9	0·18	0·07	0·26	0·46	0·00	0·08	0·00	0·00	0·00	0·00	0·04	0·22	9
10	0·26	0·00	0·00	0·00	0·00	0·37	0·10	0·11	0·00	0·00	0·87	0·01	10
11	0·02	0·01	0·00	0·00	0·00	0·00	0·03	0·02	0·00	0·00	0·00	0·74	11
12	0·10	0·11	0·44	0·00	0·00	0·49	0·00	0·00	0·00	0·00	0·00	0·10	12
13	0·01	0·00	0·00	0·00	0·00	0·00	0·00	0·14	0·00	0·38	0·07	0·58	13
14	0·46	0·00	0·94	0·02	0·00	0·18	0·00	0·21	0·00	0·00	0·00	0·43	14
15	0·13	0·17	0·30	0·00	0·63	0·27	0·00	0·03	0·00	0·02	0·00	0·19	15
16	0·75	0·02	0·39	0·00	0·07	0·23	0·00	0·26	0·00	0·41	0·05	0·14	16
17	0·22	0·14	0·23	0·00	0·04	1·14	0·00	0·48	0·00	0·01	0·18	0·45	17
18	0·09	0·00	0·05	0·00	0·00	0·09	0·00	0·09	0·00	0·57	0·09	0·22	18
19	0·09	0·08	0·44	0·00	0·00	0·03	0·04	0·43	0·00	0·33	0·11	0·00	19
20	0·22	0·00	0·02	0·00	0·32	0·03	0·01	0·47	0·00	0·33	0·00	0·26	20
21	0·00	0·01	0·12	0·00	0·17	0·00	0·02	0·02	0·00	0·18	0·00	0·24	21
22	0·00	0·34	0·00	0·00	0·43	0·13	0·07	0·77	0·00	0·00	0·01	0·05	22
23	0·00	0·00	0·24	0·00	0·00	0·18	0·75	1·04	0·00	0·00	0·36	0·07	23
24	0·02	0·07	0·05	0·00	0·05	0·40	0·00	0·12	0·00	0·05	0·12	0·10	24
25	0·00	0·04	0·11	0·00	0·00	0·33	0·01	0·00	0·00	0·00	0·46	0·13	25
26	0·00	0·13	0·16	0·00	0·00	0·00	0·40	0·23	0·00	1·99	0·25	0·13	26
27	0·00	0·06	0·71	0·00	0·00	0·66	0·37	0·00	0·00	0·61	0·07	0·23	27
28	0·00	0·06	0·03	0·00	0·00	0·14	0·56	0·86	0·01	0·52	0·32	0·00	28
29	0·00	0·01	0·02	0·00	0·00	0·06	0·62	0·01	0·15	0·17	0·00	0·23	29
30	0·02		0·25	0·00	0·09	0·12	0·01	0·00	0·00	0·08	0·01	0·00	30
31			0·17		0·24		1·34	0·50		0·01		0·03	31
Total	4·50	2·06	6·13	1·21	2·93	6·40	4·62	6·84	1·84	5·71	3·87 3·87	5·81	YEAR'S TOTAL 51·92
Rain Days.	20	20	25	7	14	25	17	25	9	17	21	25	225

W. 7,500, XI. 12

Exc DL

REGISTER OF RAINFALL IN 1914.

FORM A.
BRITISH RAINFALL.
9 - JAN 1915

Kept at Rochdale Naden Reservoirs,
in the County of Lancaster, 5 3
by Heywood & Middleton Water Bd.

Lat. —— Long. ——
Time of Observation 9 am
Nearest Railway Station Wardleworth
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 7½ in.
" " " " Sea Level 760·74 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0·00	0·00	0·05	0·00	0·00	0·02	0·78	0·49	0·00	0·03	0·00	0·22	1
2	0·01	0·00	0·07	0·00	0·00	0·00	0·29	0·67	0·00	0·14	0·13	0·12	2
3	0·22	0·00	0·26	0·00	0·64	0·00	0·03	0·09	0·00	0·02	0·00	0·58	3
4	0·60	0·00	0·39	0·40	0·27	0·00	0·00	0·00	0·00	0·00	0·09	0·26	4
5	0·17	0·00	0·69	0·22	0·02	0·20	0·11	0·00	0·00	0·01	0·33	0·23	5
6	0·00	0·06	0·05	0·18	0·41	0·11	0·01	0·20	0·00	0·00	0·23	0·02	6
7	0·10	0·00	0·21	0·01	0·32	0·02	0·00	0·06	0·00	0·00	0·03	0·15	7
8	1·00	0·00	0·03	0·05	0·28	0·20	0·03	0·62	0·14	0·00	0·06	0·06	8
9	0·47	0·22	0·00	0·47	0·13	0·69	0·00	0·36	0·04	0·00	0·33	0·00	9
10	0·00	0·07	0·04	0·10	0·13	0·00	0·00	0·00	0·23	0·00	0·10	0·00	10
11	0·00	0·21	0·55	0·00	0·03	0·01	0·13	0·00	0·30	0·00	1·26	0·06	11
12	0·00	0·15	0·11	0·00	0·13	0·00	0·16	0·00	1·06	0·00	0·92	0·04	12
13	0·00	0·22	0·17	0·01	0·00	0·00	0·10	0·00	0·40	0·00	0·54	0·25	13
14	0·04	0·28	0·24	0·00	0·00	0·00	0·00	0·00	0·09	0·00	0·41	0·27	14
15	0·00	0·01	0·46	0·00	0·00	0·00	0·00	0·00	0·10	0·00	0·18	0·00	15
16	0·01	0·01	0·05	0·00	0·00	0·00	1·28	0·00	0·82	0·00	0·00	0·02	16
17	0·05	0·63	0·12	0·00	0·00	0·00	0·18	0·00	0·91	0·00	0·00	1·20	17
18	0·00	0·09	0·01	0·00	0·00	0·55	0·00	0·00	0·07	0·00	0·00	0·12	18
19	0·00	0·02	0·11	0·00	0·00	0·00	0·06	0·00	0·18	0·00	0·00	0·36	19
20	0·00	0·11	0·07	0·00	0·00	0·00	0·00	0·00	0·00	0·01	0·00	0·00	20
21	0·00	0·15	0·00	0·00	0·00	0·33	0·00	0·03	0·00	0·07	0·00	0·06	21
22	0·00	0·25	0·02	0·04	0·05	0·46	0·01	0·12	0·00	0·03	0·00	0·00	22
23	0·00	0·00	0·18	0·22	0·15	0·05	0·16	0·00	0·00	0·00	0·01	0·02	23
24	0·06	0·00	1·05	0·08	0·57	0·07	0·43	0·49	0·00	0·00	0·32	0·00	24
25	0·09	0·00	0·00	0·00	0·00	0·00	0·53	0·63	0·00	1·29	0·13	0·64	25
26	0·07	0·00	0·02	0·00	0·00	0·00	0·04	0·00	0·00	0·33	0·31	0·46	26
27	0·12	0·01	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·67	0·37	1·18	27
28	0·09	0·17	0·17	0·00	0·02	0·01	0·05	0·00	0·04	0·00	0·38	0·03	28
29	0·19	✕	0·16	0·00	0·08	0·00	0·00	0·05	0·00	0·22	0·19	0·03	29
30	0·01	✕	0·38	0·00	0·00	0·00	0·00	0·08	0·00	0·00	0·16	0·17	30
31	0·59	✕	0·24	✕	0·00	✕	1·09	0·00	✕	0·07	✕	0·00	31
Total	3·89	2·66	5·90	1·78	3·23	2·72	5·47	3·89	4·38	2·89	6·48	6·55	YEAR'S TOTAL 49·84
Rain Days.	18	17	27	11	15	13	19	13	13	12	21	24	203

W. 8,000. X. 14.

and 28.VI.16

3056

FORM A.
BRITISH RAINFALL.
10. MAY 1916

REGISTER OF RAINFALL IN 1915

Kept at Naden Filters

in the County of Lancaster

by Heywood & Middleton Water Board

Lat. Long.

Time of Observation 9 am

Nearest Railway Station Wardleworth

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level 760.78 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. 0.21

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0.06	0.68	0.03	0.00	0.42	0.00	0.18	0.16	0.13	0.00	0.09	0.09	1
2	0.01	0.37	0.45	0.35	0.00	0.05	0.51	0.46	0.00	0.09	0.00	0.00	2
3	0.85	0.02	0.17	0.56	0.00	0.00	0.38	0.03	0.00	0.00	0.00	0.52	3
4	0.10	0.43	0.02	0.00	0.06	0.04	0.43	0.00	0.01	0.00	0.00	0.67	4
5	0.21	0.17	0.23	0.00	0.00	0.04	0.00	0.06	0.00	0.00	0.00	0.93	5
6	0.37	0.02	0.04	0.41	0.00	0.00	0.53	0.12	0.00	0.00	0.00	0.47	6
7	0.81	0.77	0.00	0.13	0.04	0.00	0.24	0.58	0.00	0.00	0.00	0.27	7
8	0.33	0.09	0.00	0.06	0.00	0.00	0.00	0.15	0.00	0.00	0.56	0.00	8
9	0.00	0.03	0.00	0.03	0.00	0.00	0.01	0.04	0.00	0.05	0.21	0.54	9
10	1.10	0.00	0.10	0.01	0.00	0.00	0.02	0.88	0.00	0.02	0.16	0.26	10
11	0.16	0.00	0.01	0.00	0.65	0.00	0.09	0.40	0.00	0.00	0.12	0.37	11
12	0.56	0.00	0.00	0.10	0.09	0.00	0.01	0.30	0.00	0.42	0.71	0.00	12
13	0.39	0.43	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.01	0.00	0.06	13
14	0.22	0.00	0.00	0.13	0.00	0.00	0.06	0.72	0.15	0.01	0.00	0.41	14
15	1.26	0.00	0.00	0.00	0.00	0.00	0.03	0.10	0.05	0.00	0.34	0.29	15
16	0.00	0.56	0.00	0.02	0.29	0.00	1.08	0.70	0.00	0.00	0.00	0.01	16
17	0.00	0.43	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	17
18	0.02	0.41	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	18
19	0.04	0.14	0.09	0.16	0.24	0.00	0.67	0.00	0.00	0.00	0.00	0.00	19
20	0.60	0.04	0.03	0.00	0.14	0.00	0.07	0.03	0.00	0.00	0.00	0.48	20
21	0.17	0.00	0.00	0.06	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.14	21
22	0.00	0.03	0.06	0.00	0.00	0.03	0.08	0.00	0.00	0.00	0.00	0.30	22
23	0.00	0.00	0.22	0.00	0.00	0.01	0.59	0.00	0.03	0.36	0.00	0.21	23
24	0.00	0.00	0.07	0.03	0.00	0.06	0.00	0.00	0.25	0.02	0.00	0.67	24
25	0.00	0.00	0.00	0.06	0.00	0.45	0.00	0.00	0.12	0.01	0.00	0.25	25
26	0.01	0.50	0.00	0.00	0.00	0.13	0.38	0.00	0.01	0.00	0.00	0.67	26
27	0.00	0.26	0.00	0.00	0.00	0.02	0.17	0.00	0.00	0.56	0.00	0.49	27
28	0.00	0.32	0.00	0.00	0.04	0.08	0.01	0.42	0.00	0.20	0.00	0.00	28
29	0.00		0.00	0.00	0.03	0.25	0.00	0.06	0.00	0.00	0.28	0.07	29
30	0.30		0.00	0.13	0.00	0.02	0.00	0.07	0.00	0.00	0.00	0.00	30
31	0.22		0.00		0.00		0.00	0.69		0.12		0.28	31
Total	7.79	5.70	1.70	2.18	2.03	1.18	5.95	5.97	0.75	1.88	2.38	8.45	YEAR'S TOTAL 45.96 45.95
Rain Days.	21	19	15	14	10	12	23	19	8	13	7	23	184

W. 8,000. X. 15.

✓ ~~W.~~ CFE 2969

REGISTER OF RAINFALL IN 1916

FORM A.
BRITISH RAINFALL.
9 JAN 1917

Kept at Naden
in the County of Lancaster
by Heywood & Middleton Water Board

Lat. Long.
Time of Observation 9 am
Nearest Railway Station Wardleworth
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 7½ in.
" " " " Sea Level 760·74 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. 0·09

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0·21	0·12	0·12	0·00	0·00	0·38	0·52	0·00	0·00	0·00	0·23	0·00	1
2	0·24	0·19	0·02	0·00	0·00	0·03	0·01	0·00	0·32	0·28	0·04	0·00	2
3	0·00	0·19	0·00	0·01	0·00	0·05	0·33	0·00	0·60	0·57	0·14	0·02	3
4	0·10	0·25	0·00	0·00	0·48	1·56	0·03	0·00	0·04	0·59	0·27	0·00	4
5	0·30	0·42	0·00	0·00	0·02	0·26	0·00	0·00	0·00	1·48	0·32	0·00	5
6	0·97	0·44	0·04	0·00	0·52	0·20	0·25	0·00	0·00	0·23	0·42	0·06	6
7	0·03	0·17	0·04	0·00	0·19	0·05	0·06	0·00	0·00	0·40	0·05	0·47	7
8	0·01	0·07	0·13	0·00	0·00	0·06	0·02	0·00	0·00	0·13	0·39	0·00	8
9	0·09	0·01	0·02	0·00	0·29	0·06	0·06	0·00	0·00	0·00	0·26	0·06	9
10	0·03	0·16	0·00	0·14	0·00	0·13	0·07	0·00	0·00	0·16	0·02	0·02	10
11	0·10	0·41	0·07	0·67	0·01	0·05	0·05	0·00	0·20	0·00	0·00	0·15	11
12	0·25	0·30	0·11	0·13	0·46	0·00	0·64	0·10	0·00	0·23	0·00	0·00	12
13	0·00	0·18	0·03	0·26	0·00	0·00	0·00	0·58	0·01	1·73	0·00	0·06	13
14	0·05	0·20	0·00	0·28	0·64	0·00	0·00	0·18	0·07	0·08	0·00	0·01	14
15	0·01	0·50	0·29	0·05	0·00	0·00	0·08	0·27	0·21	0·06	0·00	0·00	15
16	0·03	0·20	0·50	0·54	0·00	0·00	0·11	1·43	0·01	0·07	0·00	0·00	16
17	0·19	0·20	0·00	0·58	0·00	0·00	0·15	0·00	1·18	0·20	0·00	0·00	17
18	0·00	0·52	0·00	0·23	0·00	0·00	0·00	0·02	0·35	0·14	0·25	0·33	18
19	0·26	0·01	0·29	0·20	0·00	0·00	0·00	0·16	0·00	0·00	0·09	0·01	19
20	0·43	0·00	0·18	0·14	0·00	0·00	0·01	0·00	0·00	0·00	0·10	0·02	20
21	0·16	0·00	0·00	0·00	0·03	0·00	0·26	0·00	0·00	0·00	0·00	0·00	21
22	0·00	0·01	0·00	0·00	0·00	0·13	0·00	0·00	0·00	0·19	0·00	0·10	22
23	0·04	0·00	0·10	0·13	0·00	0·01	0·00	0·06	0·00	0·02	0·28	0·17	23
24	0·00	0·16	0·00	0·01	0·00	0·00	0·00	0·33	0·00	0·02	0·00	0·10	24
25	0·25	0·08	0·22	0·00	0·08	0·04	0·00	0·33	0·00	0·02	0·47	0·07	25
26	0·17	0·02	0·11	0·00	0·00	0·01	0·00	0·05	0·00	0·00	0·03	0·00	26
27	0·00	0·18	0·01	0·00	0·09	0·00	0·00	0·07	0·01	(0·47)	0·00	0·01	27
28	0·01	0·10	0·00	0·00	0·00	0·02	0·00	0·00	0·00	0·81	0·12	0·73	28
29	0·00	0·06	0·00	0·00	0·00	0·16	0·00	0·00	0·00	0·46	0·00	0·76	29
30	0·02	X	0·00	0·00	0·00	0·03	0·00	0·00	0·00	0·68	0·04	0·12	30
31	0·00	X	0·00	X	0·09	X	0·00	0·13	X	0·13	X	0·22	31
Total	3·95 √	5·15 √	2·28 √	3·37 √	2·90 √	3·23 √	2·65 √	3·71 √	3·00 √	9·15 √	3·52 √	3·49 √	YEAR'S TOTAL 46·40
Rain Days.	23 √	26 √	17 √	14 √	12 √	18 √	16 √	13 √	11 √	24 √	18 √	20	212

W. 8,000, VIII. 16

28-23

REGISTER OF RAINFALL IN 1917

FORM A.
BRITISH RAINFALL.

Kept at Naden, Norden, Nr Rochdale

in the County of Lancaster

by The Heywood & Middleton Water Board

Lat. Long.

Time of Observation 9 a.m.

Nearest Railway Station Wardleworth

Diameter of Funnel of Rain Gauge five in.

Height of top of Gauge above Ground 1 ft. 4½ in.

" " " " Sea Level 760·74 ft.

9 MAY 1918

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0.09	0.00	0.00	0.01	0.00	0.23	0.00	0.03	0.52	0.00	0.22	0.24	1
2	0.75	0.00	0.00	0.02	0.00	0.08	0.00	0.03	0.01	0.03	0.00	0.00	2
3	0.20	0.24	0.00	0.00	0.00	0.39	0.00	0.00	0.00	0.65	0.05	0.05	3
4	0.13	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	4
5	0.36	0.00	0.05	0.09	0.00	0.00	0.00	0.03	0.01	0.34	0.38	0.04	5
6	0.09	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.43	0.27	0.18	6
7	0.69	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.00	1.25	0.12	0.11	7
8	0.27	0.00	0.00	0.26	0.00	0.00	0.00	0.36	0.03	[illegible].14	0.49	0.20	8
9	0.00	0.00	0.04	0.06	0.00	0.00	0.00	0.36	0.00	0.18	0.66	0.00	9
10	0.50	0.00	0.60	0.16	0.16	0.00	0.00	0.11	0.00	0.03	0.00	0.00	10
11	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.45	0.03	0.00	11
12	0.09	0.00	0.00	0.03	0.44	0.00	0.00	0.32	0.00	0.61	0.00	0.04	12
13	0.01	0.00	0.00	0.24	0.02	0.00	0.00	0.06	0.80	0.03	0.05	0.55	13
14	0.05	0.00	0.00	0.14	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.28	14
15	0.01	0.00	0.00	0.02	0.00	0.00	0.95	0.13	0.20	0.09	0.00	0.39	15
16	0.00	0.05	0.00	0.39	0.00	0.00	0.00	0.32	0.01	0.03	0.01	0.20	16
17	0.00	0.09	0.28	0.38	0.04	0.01	0.19	1.54	0.06	0.34	0.03	0.00	17
18	0.00	0.00	0.06	0.04	0.05	0.00	1.15	0.30	0.21	0.06	0.00	0.00	18
19	0.01	0.31	0.24	0.00	1.21	0.13	0.00	0.00	0.00	0.00	0.06	0.01	19
20	0.00	0.36	0.01	0.00	0.05	0.25	0.00	0.13	0.12	0.00	0.43	0.00	20
21	0.00	0.01	0.07	0.00	0.09	0.02	0.00	0.14	0.02	0.12	0.02	0.00	21
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.31	0.50	0.15	0.00	22
23	0.00	0.12	0.00	0.00	0.18	0.16	0.01	0.15	0.04	0.20	0.00	0.08	23
24	0.00	0.01	0.00	0.00	0.00	0.03	0.00	0.34	0.00	1.03	0.27	0.07	24
25	0.00	0.13	0.07	0.00	0.00	0.00	0.00	0.16	0.00	0.30	0.08	0.00	25
26	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.57	0.40	0.16	0.20	0.00	26
27	0.00	0.00	0.02	0.00	0.29	0.15	0.42	0.42	0.00	0.22	0.19	0.03	27
28	0.00	0.03	0.36	0.00	0.00	0.00	0.00	0.58	0.00	0.13	0.10	0.05	28
29	0.00	×	0.26	0.00	0.00	0.00	0.00	0.17	0.00	0.52	0.35	0.14	29
30	0.01	×	0.40	0.00	0.00	0.00	0.00	0.06	0.00	0.12	0.14	0.00	30
31	0.00	×	0.24	×	0.07	×	0.00	0.34	×	0.00	×	0.02	31
Total	3.42	1.35	2.71	1.84	2.60	2.15	2.72	7.25	2.74	9.95	4.30	2.68	YEAR'S TOTAL 43.71
Rain Days.	16	10	15	13	11	13	5	26	14	26	22	18	189

W. 8,000, VIII. 16

Exc 976 Daily Gauge near Filters

62

FORM A.
BRITISH RAINFALL.

21 6. 19

REGISTER OF RAINFALL IN 1918

Kept at Near Naden Filters
in the County of S. Lancaster
by Heywood & Middleton Water Board

Lat. .... Long. ....
Time of Observation 9 A.M.
Nearest Railway Station Wardleworth
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 7½ in.
" " " " Sea Level 760.74 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1. following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0.00	0.34	0.00	0.05	0.05	0.00	0.00	0.00	0.67	0.13	0.19	0.55	1
2	0.00	0.32	0.00	0.12	0.00	0.00	0.00	0.00	0.16	0.14	0.00	1.03	2
3	0.00	0.06	0.00	0.00	0.92	0.00	0.00	0.03	0.02	0.55	0.00	0.04	3
4	0.08	0.02	0.00	0.00	0.03	0.00	0.00	0.29	0.10	0.33	0.49	0.47	4
5	0.01	0.00	0.01	0.11	0.21	0.02	0.00	0.67	0.15	0.52	0.11	0.03	5
6	0.07	1.85	0.00	0.45	0.00	0.36	0.00	0.19	0.02	0.16	0.00	0.02	6
7	0.00	0.33	0.00	0.10	0.01	0.00	0.00	0.04	0.29	0.56	0.19	0.00	7
8	0.21	0.15	0.13	0.00	0.00	0.00	0.11	0.00	0.85	0.25	0.08	0.04	8
9	0.25	0.88	0.00	0.00	0.00	0.26	0.00	0.00	0.83	0.83	0.08	0.08	9
10	0.04	0.60	0.02	0.00	0.00	0.00	0.03	0.00	0.87	0.12	0.55	0.06	10
11	0.44	0.20	0.08	0.01	0.10	0.00	0.10	0.02	0.42	0.00	0.00	0.40	11
12	0.05	0.47	0.00	0.06	0.05	0.00	0.31	0.00	0.47	0.01	0.00	0.60	12
13	0.00	0.00	0.00	0.01	0.27	0.00	0.00	0.00	0.27	0.35	0.00	0.00	13
14	0.77	0.00	0.00	0.00	0.01	0.06	0.06	0.00	0.80	0.29	0.00	0.31	14
15	0.05	0.00	0.00	0.00	0.02	0.07	0.62	0.00	1.84	0.00	0.00	0.81	15
16	0.01	0.00	0.00	0.00	0.00	0.08	0.09	0.15	0.41	0.00	0.00	0.38	16
17	0.32	0.00	0.00	0.00	0.00	0.06	0.18	0.19	0.13	0.07	0.00	0.37	17
18	0.54	0.00	0.15	0.00	0.00	0.13	0.47	0.06	0.42	0.00	0.00	0.84	18
19	0.20	0.12	0.24	0.05	0.00	0.00	0.27	0.25	0.80	0.02	0.00	0.75	19
20	0.15	0.56	0.00	0.13	0.00	0.22	0.26	0.00	0.51	0.00	0.01	0.00	20
21	0.38	0.77	0.00	0.00	0.54	0.25	0.02	0.00	0.48	0.02	0.00	0.05	21
22	0.15	0.04	0.00	0.00	0.61	0.05	0.60	0.00	0.09	0.00	0.00	1.03	22
23	0.13	0.01	0.00	0.00	0.21	0.01	0.25	0.00	0.19	0.00	0.08	0.07	23
24	0.00	0.11	0.00	0.00	0.00	0.00	0.29	0.11	0.29	0.01	0.05	0.14	24
25	0.00	0.00	0.00	0.00	0.05	0.06	0.19	0.52	0.20	0.00	0.01	0.00	25
26	0.00	0.22	0.00	0.00	0.00	0.00	0.07	0.09	0.95	0.12	0.33	0.33	26
27	0.00	0.18	0.45	0.00	0.00	0.05	0.00	0.65	0.66	0.05	0.36	0.86	27
28	0.00	0.00	0.66	0.00	0.00	0.00	0.00	0.07	0.08	0.00	0.18	0.70	28
29	0.00		0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.00	0.00	0.34	29
30	0.00	X	0.41	0.00	0.00	0.00	0.00	0.20	0.00	0.02	0.26	0.46	30
31	0.00	X	0.24	X	0.00	X	0.00	0.21	X	0.00	X	0.00	31
Total	3.85	7.23	2.39	1.09	3.08	1.68	3.92	3.75	13.04	4.55	2.97	10.76	YEAR'S TOTAL 58.31
Rain Days.	18	19	10	10	14	14	17	18	29	20	15	26	210 days

W, 6,500, VII. 18. w w c

B. made

2669

4 FEB 20

FORM A. I. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1919.

Kept at Naden Daily Guage near Filters
in the County of Lancaster
by The Heywood & Middleton Water Board

Lat. Long.
Time of Observation 9. A.M.
Nearest Railway Station Wardleworth Station
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 7½ in.
" " " " Sea Level 760-74 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. **Full** instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.73	0.00	0.03	0.00	0.69	0.00	0.30	0.09	0.53	0.69	0.03	0.10	1
2	0.21	0.00	0.40	0.00	0.08	0.00	0.32	0.10	0.07	0.06	0.04	0.35	2
3	0.26	0.00	0.00	0.00	0.17	0.10	0.16	0.00	0.06	0.00	0.15	0.28	3
4	0.12	0.02	0.24	0.00	0.02	0.00	0.10	0.27	0.02	0.00	0.00	0.12	4
5	0.01	0.00	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.02	0.60	5
6	0.02	0.00	0.72	0.00	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.11	6
7	0.06	0.00	0.43	0.07	0.02	0.00	0.00	0.00	0.06	0.00	0.15	0.00	7
8	0.13	0.00	0.07	0.03	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	8
9	0.45	0.00	0.16	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.02	0.00	9
10	0.00	0.00	0.98	0.27	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.32	10
11	0.02	0.00	0.67	0.11	0.30	0.00	0.16	0.00	0.00	0.05	0.00	0.00	11
12	0.00	0.00	0.28	0.12	0.02	0.12	0.11	0.00	0.00	0.15	0.22	0.00	12
13	0.56	0.00	0.00	0.22	0.00	0.00	0.01	0.02	0.00	0.34	0.00	0.04	13
14	0.50	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	14
15	0.39	0.03	0.03	0.06	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.49	15
16	0.19	0.20	0.00	0.12	0.00	0.04	0.00	0.00	0.00	0.00	0.27	0.08	16
17	0.12	0.03	0.00	0.12	0.06	0.26	0.00	0.78	0.00	0.00	1.13	0.00	17
18	0.00	0.00	0.39	0.00	0.00	0.00	0.05	0.44	0.24	0.00	0.05	0.59	18
19	0.13	0.20	0.83	0.00	0.00	0.24	0.35	0.10	0.10	0.00	0.39	0.08	19
20	0.62	0.05	0.02	0.00	0.00	0.32	0.06	0.10	0.02	0.00	0.11	1.17	20
21	0.03	0.46	0.00	0.00	0.00	0.01	0.21	0.00	0.13	0.00	0.08	0.21	21
22	0.00	0.03	0.00	0.00	0.00	0.16	0.00	0.15	0.38	0.00	0.12	1.11	22
23	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.01	0.00	0.76	0.08	0.30	23
24	0.01	0.00	0.00	0.14	0.17	0.01	0.00	0.02	0.58	0.14	0.33	0.63	24
25	0.27	0.02	0.00	0.32	0.02	0.10	0.00	0.83	0.05	0.00	0.48	0.00	25
26	0.26	0.03	0.70	0.13	0.00	0.07	0.00	0.77	0.19	0.00	0.13	0.90	26
27	0.15	0.00	0.00	0.11	0.00	0.02	0.00	0.02	0.00	0.00	0.02	0.13	27
28	0.00	0.00	0.00	0.07	0.00	0.03	0.00	0.41	0.00	0.08	0.00	0.56	28
29	0.05		0.00	0.00	0.00	0.03	0.00	0.04	0.00	0.42	0.00	0.13	29
30	0.00		0.10	0.18	0.00	0.08	0.00	0.00	0.00	0.10	0.34	0.35	30
31	0.01		0.03		0.00		0.43	0.01		0.00		0.06	31
TOTAL	5.30	1.07	6.08	2.69	2.17	1.84	2.26	4.19	2.43	2.79	4.16	8.74	YEAR'S TOTAL 43.72
Days with ·01 in. or more	24	10	17	18	13	18	12	18	13	10	20	24	197

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

24 JAN 1921

REGISTER OF RAINFALL IN 1920.

Kept at Naden Water Works Norden
in the County of Lancaster
by Heywood & Middleton Water Board

Lat. .... Long. ....
Time of Observation 9 A.M.
Nearest Railway Station Wardleworth
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 7½ in.
" " " " Sea Level 760.74 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.00	0.00	0.10	0.06	0.59	0.00	1.04	0.09	0.03	0.05	0.00	0.17	1
2	0.00	0.00	0.00	0.18	0.00	0.00	0.26	0.09	0.48	0.06	0.00	0.44	2
3	0.00	0.02	0.07	0.03	0.06	0.05	0.84	0.07	0.37	0.09	0.00	0.25	3
4	0.00	0.00	0.00	0.10	0.00	0.00	0.13	1.72	0.05	0.58	0.00	0.02	4
5	0.00	0.00	0.11	0.00	0.88	0.00	0.26	0.28	0.30	0.34	0.00	0.01	5
6	0.00	0.00	0.52	0.31	0.24	0.00	0.00	0.01	0.00	0.00	0.04	0.03	6
7	0.47	0.07	0.05	0.10	0.02	0.00	0.22	0.00	0.00	0.00	0.02	0.00	7
8	0.27	0.06	0.00	0.25	0.18	0.00	0.13	0.11	0.00	0.00	0.00	0.00	8
9	0.50	0.42	0.01	0.32	0.00	0.00	0.20	0.07	0.01	0.00	0.09	0.00	9
10	0.79	0.20	0.16	0.12	0.00	0.00	0.78	0.00	0.00	0.00	0.00	0.01	10
11	0.31	0.06	0.00	0.03	0.35	0.28	0.00	0.00	0.00	0.00	0.00	0.02	11
12	0.30	0.16	0.20	0.29	0.09	0.05	0.14	0.00	0.00	0.00	0.26	0.03	12
13	0.18	0.08	0.20	0.36	0.02	0.61	0.07	0.00	0.00	0.00	0.19	0.03	13
14	0.04	0.19	0.04	0.40	0.00	0.75	0.11	0.00	0.64	0.02	0.75	0.00	14
15	0.00	0.23	0.00	0.56	0.00	0.00	0.01	0.00	0.01	0.23	0.03	0.00	15
16	0.00	0.00	0.27	0.11	0.10	0.04	0.87	0.00	0.23	0.00	0.18	0.00	16
17	0.15	0.00	0.01	0.00	0.10	0.00	0.00	0.40	0.39	0.05	0.00	0.00	17
18	0.13	0.00	0.00	0.19	0.21	0.00	0.00	0.00	0.24	0.00	0.00	0.00	18
19	0.10	0.79	0.00	0.10	0.61	0.17	0.05	0.06	0.00	0.00	0.00	0.00	19
20	0.23	0.00	0.00	0.28	0.47	0.11	0.23	0.00	0.00	0.00	0.00	0.13	20
21	0.03	0.00	0.00	0.00	0.00	0.00	0.61	0.03	0.00	0.01	0.00	0.24	21
22	0.17	0.00	0.00	0.61	0.00	0.00	0.76	0.00	0.00	0.00	0.00	0.07	22
23	0.00	0.00	0.04	0.10	0.00	0.00	0.77	0.02	0.00	0.00	0.00	0.45	23
24	0.05	0.00	0.75	0.11	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.38	24
25	0.00	0.08	0.14	0.08	0.00	0.01	0.94	0.00	0.00	0.00	0.00	0.00	25
26	0.12	0.15	0.51	0.38	0.53	0.00	0.05	0.00	0.00	0.00	0.05	0.07	26
27	0.08	0.01	0.02	0.13	0.37	0.56	0.03	0.00	0.00	0.00	0.24	0.03	27
28	0.28	0.07	0.29	0.35	0.13	0.12	0.10	0.00	0.00	0.00	0.05	0.40	28
29	0.14	0.00	0.57	0.20	0.30	0.00	0.45	0.00	0.00	0.00	0.27	0.26	29
30	0.50		0.04	0.12	0.20	0.17	0.00	0.00	0.22	0.00	0.14	0.49	30
31	0.24		0.00		0.16		0.02	0.00		0.04		0.15	31
TOTAL	5.08	4.59	4.15	5.87	5.61	2.92	9.08	2.95	2.97	1.47	2.37	4.10	YEAR'S TOTAL 51.10 51.10
Days with ·01 in. or more	21	15	20	27	20	12	26	12	12	10	13	21	209
Days with ·04 in. or more	20	13	17	25	18	11	22	9	~~10~~ 9	8	11	~~15~~ 14	177

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

W.D. cor. 1. V. 11

R 19 11

FORM A2.
BRITISH RAINFALL

12 APR 1912

LANCASHIRE

ROCHDALE - HAMER PASTURE RES

1911 - 1920

Kept at Hamer Pa

in the County of La

by Rochdale Corpora

f top in.
op above Ground ft. in.
" Sea Level ft.

as previously furnished

h 9 am

ation { Name
Distance Direction

IMPORTANT NO ., and the result entered to the previous day. If an O universal rule, he is earnestly requested to add the rea following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. 0·05

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·450	0	480	130	020	040	430	0	0	100	130	030	1
2	·0	0	940	0	1·000	0	290	040	0	0	530	0	2
3	·130	0	340	0	350	0	070	100	0	070	120	170	3
4	·0	0	290	0	540	0	0	020	030	040	880	080	4
5	·020	0	260	030	040	0	0	170	090	150	760	200	5
6	·430	0	110	040	010	0	0	480	0	040	410	040	6
7	·330	0	040	130	0	0	0	640	0	180	630	270	7
8	·210	0	0	020	0	0	0	0	0	060	200	070	8
9	·340	0	340	0	0	0	0	0	060	030	020	830	9
10	·080	0	0	0	0	0	0	0	0	0	030	320	10
11	·260	·130	360	0	0	0	0	0	020	0	0	890	11
12	·200	0	040	0	020	0	0	0	0	0	380	590	12
13	·030	·020	260	0	0	0	0	0	1·540	0	760	020	13
14	0	·010	030	0	340	0	0	0	0	0	350	550	14
15	·040	·940	050	0	460	0	0	0	0	0	150	280	15
16	·010	490	070	100	0	0	0	0	0	100	360	560	16
17	·020	1·310	110	10	0	290	010	0	0	050	300	310	17
18	0	040	080	0	110	620	020	0	0	010	270	220	18
19	0	790	110	0	0	390	0	040	0	060	230	240	19
20	0	140	030	130	0	180	030	0	380	480	110	180	20
21	0	340	0	540	0	040	070	940	150	250	0	530	21
22	·030	1·470	060	0	0	010	050	020	0	150	0	470	22
23	·040	170	0	080	0	060	0	040	0	320	100	020	23
24	·020	630	0	020	440	490	0	0	330	160	010	440	24
25	·250	140	010	310	0	1·310	0	050	0	310	0	270	25
26	·020	980	0	540	020	690	270	0	970	100	0	540	26
27	0	060	0	380	0	120	040	140	0	610	190	410	27
28	0	590	030	720	0	020	0	690	710	0	0	260	28
29	0		0	430	0	330	0	040	180	010	040	690	29
30	0		010	690	0	510	0	020	1·030	810	020	210	30
31	0		0		070		0	0		310		010	31
	-	·48	·13	.02	·04	·43	-	-	·10	·13	·03	·05	
Total	~~2·910~~ 2·46	~~8·250~~ 8·73	~~4·050~~ 3·70	~~4·290~~ 4·18	~~2·520~~ 2·54	~~4·600~~ 4·89	~~1·280~~ ·85	~~3·430~~ 3·43	~~5·490~~ 5·59	~~4·460~~ 4·49	~~6·980~~ 6·88	~~9·700~~ 9·72	TOTAL for year 57·46 ~~57·860~~
No. of Rain Days.	~~19~~ 18	~~17~~ 18	22	16	13	15	~~10~~ 9	15	~~12~~ 13	23	24	30	2·6

W. 8,000, X. '11.

W.D. corr. 1. V. 12

REGISTER OF RAINFALL IN 1911

FORM A2.
BRITISH RAINFALL
12 APR 1912

Kept at Hamer Pasture Reservoir

in the County of Lancaster. S.3

by Rochdale Corporation (Water Works)

RAIN GAUGE
Pattern
Diameter of top ... in.
Height of top above Ground ... ft. ... in.
" " " Sea Level ... ft.
As previously furnished

Time of Observation 9 am

Nearest Railway Station
Name
Distance ... Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. 0·05

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·450	0	480	130	020	040	430	0	0	100	130	030	1
2	·0	0	940	0	1·000	0	290	040	0	0	530	0	2
3	·130	0	340	0	350	0	070	100	0	070	120	170	3
4	·0	0	290	0	540	0	0	020	030	040	880	080	4
5	·020	0	260	030	040	0	0	170	090	150	760	200	5
6	·430	0	110	040	010	0	0	480	0	040	410	040	6
7	·330	0	040	130	0	0	0	640	0	180	630	270	7
8	·210	0	0	020	0	0	0	0	0	060	200	070	8
9	·340	0	340	0	0	0	0	0	060	030	020	830	9
10	·080	0	0	0	0	0	0	0	0	0	030	320	10
11	·260	·130	360	0	0	0	0	0	020	0	0	890	11
12	·200	0	040	0	020	0	0	0	0	0	380	590	12
13	·030	·020	260	0	0	0	0	0	1·540	0	760	020	13
14	0	·010	030	0	340	0	0	0	0	0	350	550	14
15	·040	·940	050	0	460	0	0	0	0	0	150	280	15
16	·010	·490	070	100	0	0	0	0	0	100	360	560	16
17	·020	1·310	110	10	0	290	010	0	0	050	300	310	17
18	0	040	080	0	110	620	020	0	0	010	270	220	18
19	0	790	110	0	0	390	0	040	0	060	230	240	19
20	0	140	030	130	0	180	030	0	380	480	110	180	20
21	0	340	0	540	0	040	070	940	150	250	0	530	21
22	·030	1·470	060	0	0	010	050	020	0	150	0	470	22
23	·040	170	0	080	0	060	0	040	0	320	100	020	23
24	·020	630	0	020	410	490	0	0	330	160	010	440	24
25	·250	140	010	310	0	1·310	0	050	0	310	0	270	25
26	·020	980	0	540	020	690	270	0	970	100	0	540	26
27	0	060	0	380	0	120	040	140	0	610	190	410	27
28	0	590	030	720	0	020	0	690	710	0	0	260	28
29	0		0	430	0	330	0	040	180	010	040	690	29
30	0		010	690	0	510	0	020	1·030	810	020	210	30
31	0		0		070		0	0		310		010	31
	–	·48	·13	·02	·04	·43	–	–	·10	·13	·03	·05	
Total	~~2·910~~ 2·46	~~8·250~~ 8·73	~~4·050~~ 3·70	~~4·290~~ 4·18	~~2·520~~ 2·54	~~4·600~~ 4·89	~~1·280~~ ·85	~~3·480~~ 3·43	~~5·490~~ 5·59	~~4·460~~ 4·49	~~6·980~~ 6·88	~~9·700~~ 9·72	TOTAL for year 57·46 ~~57·860~~
No. of Rain Days.	~~19~~ 18	~~17~~ 18	22	16	7	15	~~10~~ 9	15	~~12~~ 13	23	24	30	2·6

W. 8,000, X. '11.

Cor. for auth, by own. stats & for W.D. 11.VII.13.

FORM A. BRITISH RAINFALL.

5 JUL 1913

WD

REGISTER OF RAINFALL IN 1912

Kept at Hamer Pasture Reservoir

in the County of Lancashire S3

by Rochdale Corporation Waterworks

Lat. .... Long. ....

Time of Observation 9. a.m.

Nearest Railway Station Wardleworth.

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground ft. - in.

" " " " Sea Level 760 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. 0·04

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	·05	·0	·09	·23	·0	·39	·13	1·69	·52	·0	·0	·03	1
2	·0	·0	·38	·0	·01	·07	·09	·05	·21	·0	·03	1·12	2
3	·04	·04	·28	·08	·17	·28	32	·0	·18	·0	·01	·21	3
4	·75	·01	·09	·0	·01	·45	·0	·64	·92	·0	·03	·29	4
5	·62	·0	·64	·73	·05	·68	·0	·66	·25	·0	·64	·0	5
6	·53	·0	·09	·05	·47	·10	·0	·05	·15	·08	·04	·07	6
7	·31	·31	·0	·11	·15	·0	·0	·34	·0	·01	·0	·02	7
8	·01	·19	·11	·04	·24	·04	·05	·08	·53	·0	·11	·01	8
9	31	·33	·19	·34	·02	·05	·04	·04	·12	·0	·19	·0	9
10	·28	·11	·21	·56	·0	·11	02	·02	·0	·0	·14	·21	10
11	·36	·03	·01	·05	·0	·48	·15	·20	·0	·0	1·12	·0	11
12	·09	·03	·0	·0	·0	·0	·05	·05	·0	·0	·02	·65	12
13	·10	·12	·48	·0	·0	·60	·04	·0	·0	·0	·0	·14	13
14	·03	·0	·04	·0	·0	·0	·0	·25	·0	·38	·12	·68	14
15	·52	0	1·19	·0	·0	·21	·0	·39	·10	·02	·0	·59	15
16	·24	·22	·29	·0	·82	·38	·0	·09	·0	·02	·0	·26	16
17	·83	·03	·52	·0	·14	·05	·0	·22	·0	·44	·09	·22	17
18	·14	·14	·28	·0	·07	1·08	·0	·53	·0	·03	·19	·56	18
19	·15	·01	·0	·0	·0	·22	·0	·04	·0	·61	·14	·21	19
20	·13	·02	·55	·0	·0	·05	·13	·49	·0	·37	·19	·0	20
21	·32	·0	·21	·0	·41	·08	·04	·58	·0	·47	·0	·11	21
22	·04	·0	·32	·0	·24	·0	·02	·03	·0	·18	·02	·30	22
23	·01	·47	·0	·0	·49	·37	·13	·68	·0	·01	·03	·11	23
24	·0	·0	·31	·0	·0	·03	·53	1·18	·0	·0	·39	·09	24
25	·04	·12	·08	·0	·05	·72	·08	·22	·0	·08	·14	·15	25
26	·01	·02	·13	·0	·0	·43	·04	·0	·0	·02	·66	·21	26
27	·0	·14	·30	·0	·0	·03	·46	·33	·0	1·81	·36	·10	27
28	·0	·19	1·02	·0	·0	·63	·43	·0	·0	·69	·07	·26	28
29	·0	·05	·07	·0	·0	·08	·65	·97	·02	·57	·35	·02	29
30	·0	·0	·04	·0	·0	·10	·66	·08	·13	·19	·0	·24	30
31	·03	0	·37		·16		·06	·02		·70		·0	31
	—	·09	·23	—	·39	·13	1·69	·52	—	—	·03	·04	YEAR'S TOTAL
Total	~~5·94~~	~~2·58~~	~~8·29~~	~~2·19~~	~~3·50~~	~~7·61~~	~~4·12~~	~~9·91~~	~~3·12~~	~~6·05~~ ✓	~~5·08~~	~~6·86~~	~~65·26~~
Rain Days.	~~20~~ 24	~~18~~ 21	~~24~~ 27	~~9~~ 8	~~12~~ 17	26	~~16~~ 21	~~26~~ 27	10 ✓	~~12~~ 19	~~20~~ 24	~~22~~ 26	~~223~~ 250
	5·89	2·67	8·43	1·96	3·89	7·35	5·68	8·74	2·61	6·05	5·11	6·89	65·25

W. 7,500, XI. 112

Cor. for WD. 4.V.14.

FORM A.
BRITISH RAINFALL.

25 APR 1914

REGISTER OF RAINFALL IN 1913

Kept at Hamer Pasture Reservoir

in the County of Lancashire S 3

by Rochdale Corpn. Water Works Committee

Lat. Long.

Time of Observation 9. am

Nearest Railway Station Broadley

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 760 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·0

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·04	·07	·0	·24	·0	·18	·0	·0	·0	·0	·0	·24	1
2	·13	·11	·29	·10	·0	·0	·0	·0	·02	·0	·05	·02	2
3	·07	·15	·56	·04	·0	·26	·0	·0	·0	·0	·10	·20	3
4	·10	·22	·26	·0	·57	·0	·0	·0	·0	·0	·19	·57	4
5	·71	·27	·0	·0	·03	·07	·10	·0	·0	·06	·28	·76	5
6	·28	·12	·12	·0	·04	·24	·13	·0	·02	·12	·02	·02	6
7	·14	·24	·15	·0	·78	·23	·17	·0	·0	·12	·01	·02	7
8	·01	·48	·06	·0	·43	·24	·05	·0	·0	·48	·09	·10	8
9	·0	·29	·12	·0	·05	·02	·0	·34	·04	·17	·14	·11	9
10	·0	·38	·54	·07	·16	1·00	·13	·0	·0	·0	·19	·25	10
11	·0	·05	·42	·23	·15	·0	·03	·0	·07	·03	·12	0	11
12	·19	·02	·03	·43	·07	·15	·0	·0	·0	·13	·18	·14	12
13	·09	·0	·0	·0	0	·0	·0	·0	·21	·07	·43	·0	13
14	·04	·02	·81	·07	·0	·0	·06	·11	·29	·10	·45	·0	14
15	·07	·01	·28	·44	·0	·0	·01	·02	·0	·36	·44	·18	15
16	·04	·0	·41	·64	·0	·0	·02	·19	·04	·05	·37	·11	16
17	·02	·0	·10	·04	·0	·0	·08	·02	·0	·0	·42	·03	17
18	·0	·0	·01	·21	·24	·19	·23	·0	·34	·0	·35	·0	18
19	·07	·0	·33	·38	·17	·04	·12	·0	·0	·0	·47	·0	19
20	·03	·0	·11	·19	·16	·05	·0	·0	·12	·17	·43	·0	20
21	·12	·0	·12	·06	·05	·0	·02	·0	·03	·13	·83	·0	21
22	·0	·0	·11	·0	·24	·0	·21	·34	·0	·01	·17	·0	22
23	·63	·0	·53	·0	·18	·04	·0	·74	·21	·0	·04	·04	23
24	·37	·0	·03	·0	·74	·55	·0	·54	·26	·0	·18	·14	24
25	·61	·11	·0	·19	·17	·22	·0	·0	·0	·01	·08	·18	25
26	·02	·0	·0	·11	·0	·0	·0	·0	·43	·05	·14	·32	26
27	·0	·05	·10	·58	·0	·02	0	·0	·19	·08	·0	·56	27
28	·0	·02	·07	·39	·0	·05	·0	·0	·0	·20	·02	·34	28
29	·45	—	·22	·56	·03	·03	·0	0	·07	·03	·04	·04	29
30	·01	—	·27	·72	·14	·0	·0	·17	·0	·0	·12	·04	30
31	·61	—	·04	—	·07	—	·0	·0	—	·24	—	·0	31
Total	·07 ~~4·79~~	— ~~2·61~~	·24 ~~6·03~~	— ~~5·69~~	·18 ~~4·47~~	— ~~3·62~~	— ~~1·36~~	— ~~2·47~~	— ~~2·28~~	— ~~2·55~~	·24 ~~6·35~~	— ~~4·44~~	YEAR'S TOTAL ~~46·53~~
Rain Days.	24	~~14~~ 16	~~26~~ 27	~~20~~ 19	~~20~~ 21	~~18~~ 17	14	9	15	20	~~28~~ 29	~~22~~ 21	~~233~~ 232
	4·82	2·54	6·27	5·45	4·65	3·34	1·36	2·47	2·28	2·55	6·59	4·17	46·49

W.7,000, XI. 13

Ex DL

REGISTER OF RAINFALL IN 1914.

FORM A.
BRITISH RAINFALL.
16 JAN 1915

Kept at Rochdale Hamer Pasture Reservoir.

in the County of Lancashire 5 3

by the Rochdale Corpn. Waterworks Committee

Lat. Long.

Time of Observation 9. a.m.

Nearest Railway Station Wardleworth

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 760 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·0	·0	·09	·0	·0	·03	·42	·42	·0	·05	·02	·25	1
2	·02	·0	·05	·0	·02	·0	·28	·84	·0	·17	·12	·18	2
3	·31	·0	·38	·0	·62	·0	·06	·16	·0	·02	·0	·53	3
4	·72	·0	·47	·48	·33	·0	·0	·11	·0	·0	·15	·33	4
5	·22	·0	·88	·28	·12	·23	·02	·0	·0	·0	·24	·30	5
6	·0	·10	·15	·24	·38	·13	·04	·11	·0	·0	·27	·02	6
7	·14	·03	·27	·02	·26	·06	·0	·04	·0	·0	·05	·11	7
8	·95	·0	·04	·04	·32	·27	·0	·53	·0	·03	·10	·06	8
9	·53	·21	·0	·29	·09	·90	·0	·48	·07	·0	·27	·02	9
10	·13	·12	·04	·27	·10	·0	·0	·0	·23	·0	·15	·0	10
11	·0	·24	·57	·0	·04	·01	·15	·0	·36	·0	1·90	·09	11
12	·0	·15	·14	·0	·15	·0	·31	·0	1·14	·0	1·50	·11	12
13	·0	·32	·16	·02	·03	·0	·11	·0	·38	·0	·47	·29	13
14	·03	·34	·24	·0	·01	·0	·01	·0	·17	·0	·26	·30	14
15	·0	·03	·09	·0	·0	·0	·0	·0	·13	·0	·12	·0	15
16	·02	·02	·12	·0	·0	·0	·98	·0	·98	·0	·0	·02	16
17	·07	·59	·13	·0	·0	·07	·20	·0	·75	·0	·0	1·10	17
18	·0	·13	·08	·0	·0	·45	·02	·0	·12	·0	·0	·13	18
19	·0	·08	·09	·0	·0	·0	·06	·0	·15	·0	·0	·39	19
20	·07	·14	·13	·0	·0	·02	·0	·0	·02	·05	·0	·02	20
21	·0	·17	·11	·0	·0	·19	·0	·05	·0	·03	·02	·09	21
22	·0	·27	·02	·03	·08	·52	·0	·16	·0	·06	·0	·0	22
23	·0	·02	·18	·19	·15	·20	·21	·0	·0	·07	·03	·02	23
24	·11	·0	1·02	·12	·32	·09	·54	·62	·0	·0	·32	·0	24
25	·07	·02	·02	·0	·0	·0	·90	·43	·0	1·10	·15	·69	25
26	·05	·0	·10	·0	·0	·0	·04	·0	·0	·38	·31	·36	26
27	·10	·01	·0	·0	·0	·0	·0	·0	·0	·60	·40	1·16	27
28	·12	·23	·19	·0	·02	·07	·09	·0	·05	·07	·43	·07	28
29	·19		·12	·0	·03	·0	·0	·10	·0	·37	·22	·06	29
30	·02		·39	·0	·01	·0	·0	·06	·0	·05	·14	·21	30
31	·66		·34		·0		·81	·0		·11		·0	31
Total	4·47	3·22	6·61	1·98	3·08	3·12	5·25	4·11	4·55	3·10	7·64	6·91	YEAR'S TOTAL 54·04
Rain Days.	20	20	29	11	19	15	19	14	13	15	23	26	224

W. 8,000. X. 14.

Hamer Pasture

3055

FORM A.
BRITISH RAINFALL

14 FEB 1916

REGISTER OF RAINFALL IN 1915

Kept at Hamer Pasture Reservoir. Rochdale
in the County of Lancaster
by Rochdale Corporation

Lat. .... Long. ....
Time of Observation 9 a.m.
Nearest Railway Station Wardleworth.
Diameter of Funnel of Rain Gauge .... in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 760 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·05	·64	·07	–	·43	–	·29	·16	·19	–	·02	·13	1
2	·04	·46	·43	·38	–	·03	·71	·31	–	·14	–	–	2
3	·91	·02	·21	·51	–	·01	·49	·10	–	·02	–	·53	3
4	·08	·32	–	–	·11	·03	·48	–	·02	–	–	·54	4
5	·21	·16	·49	–	·03	·09	–	·03	–	–	–	·68	5
6	·42	·04	·07	·46	–	–	·57	·23	–	–	·01	·61	6
7	·74	·66	–	·21	·14	–	·36	·58	–	–	–	·41	7
8	·35	·14	–	·28	–	–	–	·16	–	–	·61	–	8
9	·01	·03	–	·11	–	–	·03	·03	–	·05	·39	·49	9
10	1·14	–	·12	·02	–	–	·02	1·11	–	·03	·06	·35	10
11	·49	–	·03	–	·65	–	·11	·37	–	–	·26	·30	11
12	·46	–	–	·17	·15	–	·03	·28	–	·35	1·19	–	12
13	·43	·32	–	–	–	–	·04	·11	·03	·07	–	·13	13
14	·28	–	–	·11	–	–	·07	·63	·15	·05	–	·28	14
15	1·65	–	–	–	–	–	·12	·14	·09	–	·43	·33	15
16	·02	·56	–	·05	·30	–	·89	·55	–	–	–	·03	16
17	–	·52	–	–	–	–	·09	–	–	·01	–	·01	17
18	·05	·47	·20	–	–	–	–	–	–	–	–	–	18
19	·06	·15	·16	·20	·24	–	·39	–	–	–	–	–	19
20	·66	·07	–	–	·13	–	·17	·08	–	–	–	·54	20
21	·19	·05	–	·05	–	–	·28	–	–	–	–	·17	21
22	·03	–	·07	·02	–	·04	·13	–	–	–	·03	·37	22
23	–	·03	·19	·01	–	–	·48	–	·06	·37	–	·20	23
24	–	–	·04	·02	–	·09	–	–	·34	·04	–	·60	24
25	–	–	–	–	–	·29	–	–	·13	–	–	·35	25
26	·02	·51	–	–	–	·33	·31	–	·03	–	–	·78	26
27	–	·18	–	–	–	·02	·13	–	–	·54	–	·66	27
28	–	·41	–	–	·08	·11	·03	·41	–	·17	–	·02	28
29	–		–	–	·11	·19	–	·03	–	–	·29	·13	29
30	·26	X	–	·12	–	·15	·01	·09	–	–	–	·02	30
31	·29	X	–	X	–	X	·03	·62	X	·27	X	·22	31
Total	8·84	5·74	2·08	2·72	2·37	1·38	6·26	6·02	1·04	2·11	3·29	8·90	YEAR'S TOTAL 50·75
Rain Days.	24	20	12	16	11	12	25	20	9	13	10	26	198.

W. 8,000. X. 15.

Old Gauge

REGISTER OF RAINFALL IN 1916

FORM A.
BRITISH RAINFALL.

22 FEB 1917

Kept at Hamer Pasture Reservoir
in the County of Lancashire
by Rochdale Corpn. Water Works Committee

Lat. ...... Long. ......
Time of Observation 9 a.m.
Nearest Railway Station Wardleworth
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 760 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·29	·14	·19	·0	·0	·41	·52	·02	·0	·0	·30	·0	1
2	·28	·24	·05	·0	·0	·05	·02	·0	·32	·33	·05	·0	2
3	·0	·27	·02	·02	·0	·05	·21	·0	·79	·39	·13	·0	3
4	·27	·30	·0	·03	·64	1·42	·0	·0	·05	1·04	·30	·0	4
5	·33	·46	·0	·0	·02	·35	·0	·02	·0	1·32	·35	·0	5
6	1·16	·58	·02	·0	·43	·35	·28	·0	·0	·25	·45	·08	6
7	·13	·19	·03	·0	·42	·12	·08	·0	·0	·45	·05	·48	7
8	·03	·11	·13	·02	·01	·05	·03	·0	·0	·12	·57	·04	8
9	·15	·03	·04	·0	·30	·04	·06	·0	·0	·0	·43	·04	9
10	·13	·10	·02	·21	·0	·12	·18	·0	·0	·19	·04	·05	10
11	·11	·57	·14	·69	·03	·08	·11	·0	·29	·0	·03	·12	11
12	·31	·36	·25	·15	·41	·0	·69	·06	·05	·32	·02	·02	12
13	·0	·26	·11	·35	·02	·0	·01	·96	·04	1·74	·0	·09	13
14	·11	·25	·0	·20	·70	·0	·0	·40	·10	·12	·0	·0	14
15	·07	·49	·48	·12	·02	·0	·11	·22	·24	·13	·0	·0	15
16	·10	·44	·75	·52	·01	·0	·23	1·09	·06	·10	·0	·0	16
17	·21	·24	·0	1·32	·0	·0	·15	·02	1·21	·22	·0	·0	17
18	·0	·68	·0	·34	·0	·0	·0	·05	·65	·18	·25	·40	18
19	·29	·03	·32	·22	·0	·0	·0	·13	·06	·0	·28	·0	19
20	·52	·0	·21	·23	·04	·0	·02	·0	·01	·0	·09	·03	20
21	·33	·0	·01	·02	·09	·0	·08	·0	·0	·0	·02	·0	21
22	·0	·04	·0	·0	·0	·10	·0	·0	·0	·21	·0	·03	22
23	·0	·03	·10	·21	·0	0	·0	·08	·0	·09	·38	·29	23
24	·0	·11	·02	·07	·0	0	·0	·30	·0	·03	·0	·06	24
25	·28	·12	·19	·0	·10	·04	·0	·21	·0	·03	·57	·10	25
26	·25	·07	·12	·0	·0	·0	·0	·10	·0	·0	·07	·0	26
27	·0	·15	·03	·0	·03	·0	·0	·12	·0	·57	·0	·02	27
28	·06	·13	·01	·0	·0	·0	·0	·0	·0	·97	·12	·91	28
29	·0	·21	·0	·0	·0	·14	·0	·0	·0	·51	·01	·69	29
30	·07	×	·0	·0	·0	·03	·0	·01	·0	·91	·07	·05	30
31	·0	×	·0	×	·11	×	·0	·13	×	·18	×	·48	31
Total	5·48	6.60	3.24	4.72	3·41	3.35	2.78	3.92	3.84	10·40	4·58	3.98	YEAR'S TOTAL 56.33
Rain Days.	22	27	22	17	17	15	16	17	13	24	22	19	231

W. 8,000, VIII. 16

2822

FORM A.
BRITISH RAINFALL.

21 JAN 1918

REGISTER OF RAINFALL IN 1917

Kept at Hamer Pasture Reservoir, Rochdale

in the County of Lancashire

by Rochdale Corporation Water Wks Committee

Lat. Long.
Time of Observation 9 am
Nearest Railway Station Wardleworth
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 760 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·21			·09		·09		·04	·51		·11	·23	1
2	·72			·03		·10		·05	·10	·02	·04	·	2
3	·22	·17		·01		·32				·40	·03	·07	3
4	·08									1.05	·01	·01	4
5	·35			·16				·06	·02	·34	·30	·03	5
6	·08		·03			·11				·14	·27	·19	6
7	·68					·29				1.80	·11	·14	7
8	·63			·28				·34		1.09	·51	·12	8
9			·03	·04	·02			·36		·20	·92		9
10	·31		·61	·07	·25			·09		·04			10
11	·26			·06	·01			·03		·41	·04		11
12	·07		·01	·03	·42			·40		·49		·07	12
13	·04			·24	·06			·04	·68	·03	·03	·53	13
14	·03			·05				·42				·40	14
15	·02			·06			·91	·06	·22	·04		·30	15
16		·03		·34			·09	·31	·04	·02		·19	16
17	·01	·09	·24	·26			·35	1·61		·11	·03	·03	17
18	·03		·16	·04	·05		·93	·38	·16	·22			18
19	·04	·25	·26		·71	·08		·02	·03			·02	19
20	·02	·36			·11	·36		·11	·27		·16		20
21		·03	·08		·06	·04		·23	·02	·11	·03		21
22			04					·11	·32	·42	·17		22
23		·14			12	·11	·02	·17	·07	·13	·02	·09	23
24						·07		·33		1·03	·41	·08	24
25		·14	·14					·14		·38	·17		25
26			·01			·23		·61	·32	·22	1·21		26
27			·03		·34	·17	·34	·39		·15	·28	·07	27
28			·42					·59	·01	·07	·12	·03	28
29			·09		·01		·06	·26		·54	·29	·26	29
30	·03		·38					·07		·18	·11		30
31			·13		·07			·18		·02		·01	31
Total	3.83	1.21	2.66	1.76	2.23	1.97	2.70	7.40	2.77	9.65	5.37	2.87	YEAR'S TOTAL 44.42
Rain Days.	19	8	16	15	13	12	7	27	14	27	23	20	201

W. 8,000, IX. 17.

Ext DL

61

REGISTER OF RAINFALL IN 1918

FORM A.
BRITISH RAINFALL
25.1.19

Kept at Hamer Pasture Reservoir Rochdale
in the County of Lancaster
by Rochdale Corporation

Lat. .... Long. ....
Time of Observation 9 a.m.
Nearest Railway Station Wardleworth
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 760 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·03	·32	·02	·09	·03	·0	·0	·0	·87	·14	·07	·41	1
2	·0	·36	·0	·06	·0	·0	·0	·0	·19	·10	·0	·91	2
3	·0	·12	·0	·0	·75	·0	·0	·04	·0	·49	·0	·05	3
4	·03	·01	·0	·0	·11	·0	·0	·24	·14	·28	·52	·39	4
5	·02	·0	·03	·11	·0	·03	·0	·63	·24	·47	·15	·02	5
6	·0	2·08	·01	·34	·0	·32	·0	·24	·02	·20	·0	·02	6
7	·02	·26	·02	·42	·0	·0	·0	·06	·28	·69	·19	·0	7
8	·09	·11	·06	·01	·0	·0	·19	·0	1·13	·24	·08	·03	8
9	·48	·82	·0	·03	·0	·23	·0	·01	·96	·63	·09	·09	9
10	·08	·54	·04	·01	·0	·0	·02	·0	·93	·14	·42	·04	10
11	·47	·20	·07	·05	·04	·0	·18	·02	·51	·0	·0	·31	11
12	·05	·48	·0	·08	·03	·02	·21	·01	·43	·03	·0	·65	12
13	·0	·02	·0	·0	·26	·03	·0	·0	·23	·29	·0	·0	13
14	·46	·0	·0	·0	·03	·07	·15	·0	·80	·25	·0	·32	14
15	·08	·0	·0	·01	·02	·10	·66	·0	2·09	·0	·0	·79	15
16	·02	·0	·0	·0	·0	·06	·09	·09	·31	·0	·0	·43	16
17	·24	·0	·0	·0	·01	·07	·14	·22	·12	·09	·0	·34	17
18	·59	·0	·15	·0	·0	·08	·48	·03	·49	·0	·0	·81	18
19	·30	·05	·20	·09	·0	·0	·28	·29	·88	·04	·0	·76	19
20	·14	·57	·0	·12	·0	·24	·54	·0	·54	·0	·0	·0	20
21	·24	·80	·0	·0	·28	·31	·02	·0	·48	·08	·0	·05	21
22	·16	·04	·0	·0	·56	·15	·47	·01	·10	·0	·0	1·04	22
23	·10	·02	·0	·0	·15	·0	·23	·0	·26	·0	·09	·11	23
24	·02	·03	·0	·0	·0	·0	·24	·20	·23	·04	·06	·09	24
25	·0	·0	·0	·0	·02	·04	·21	·32	·20	·0	·0	·0	25
26	·0	·22	·0	·0	·0	·0	·11	·07	·85	·08	·31	·36	26
27	·0	·19	·24	·0	·0	·07	·0	·48	·83	·04	·42	·84	27
28	·0	·09	·62	·0	·0	·0	·0	·07	·09	·0	·19	·83	28
29	·0	X	·0	·0	·0	·0	·0	·0	·10	·0	·0	·33	29
30	·0	X	·31	·0	·0	·0	·0	·18	·01	·02	·26	·41	30
31	·0	X	·28	X	·0	X	·0	·26	X	·01	X	·0	31
Total	3·62	7·33	2·05	1·42	2·29	1·82	4·22	3·47	14·31	4·35	2·85	10·43	YEAR'S TOTAL 58·16
Rain Days.	20	21	13	13	13	15	17	20	29	21	13	26	221

W, 6,500, VII. 18. W W d

2668

Exd

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

15 MAR 20

Kept at Hamer Pasture Reservoir
in the County of Lancaster
by Rochdale Corporation Waterworks Dept

Lat. .... Long. ....
Time of Observation 9 am.
Nearest Railway Station Wardleworth L & Y R. Co.
Diameter of Funnel of Rain Gauge 5" in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 760 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·80	0	·02	·0	·27	·0	·44	·12	·50	·67	·07	·14	1
2	·34	·03	·44	·0	·12	·0	·31	·14	·04	·07	·05	·34	2
3	·14	·01	·0	·0	·17	·10	·17	·0	·05	·0	·13	·33	3
4	·36	·0	·13	·0	·03	·01	·04	·24	·04	·0	·0	·28	4
5	·04	·0	·0	·04	·02	·0	·0	·0	·0	·0	·0	·68	5
6	·02	·03	·73	·0	·66	·0	·0	·0	·0	·0	·0	·11	6
7	·04	·0	·38	·02	·01	·0	·01	·0	·07	·0	·21	·0	7
8	·14	·0	·13	·02	·0	·08	·0	·0	·0	·0	·0	·0	8
9	·34	·0	·19	·04	·0	·04	·0	·0	·0	·0	·04	·0	9
10	·0	·0	1·12	·25	·0	·0	·0	·0	·0	·0	·0	·41	10
11	·0	·0	·76	·14	·15	·0	·16	·0	·0	·03	·0	·01	11
12	·0	·0	·63	·16	·04	·14	·19	·0	·03	·15	·10	·0	12
13	·53	·0	·0	·28	·0	·02	·08	·0	·0	·30	·0	·04	13
14	·48	0	·0	·34	·0	·0	·0	·01	·0	·0	·01	·0	14
15	·31	·05	·0	·06	·0	·0	·0	·02	·0	·0	·0	·40	15
16	·20	·25	·0	·04	0	·09	·0	·0	·0	·0	·36	·09	16
17	·09	·06	·0	·12	·04	·41	·0	·65	0	·0	1·19	·08	17
18	·0	·0	·37	·01	·0	·0	·03	·48	·22	·0	·04	·85	18
19	·08	·18	·44	·0	·0	·25	·52	·12	·02	·0	·40	·09	19
20	·44	·11	·05	·0	·0	·32	·15	·14	·0	·0	·15	1·21	20
21	·05	·47	·01	·0	·0	·04	·25	0	·15	·0	·08	·33	21
22	·0	·05	·0	·0	·0	·28	·0	·14	·43	·0	·16	1·08	22
23	·0	·0	·0	·02	·0	·26	·0	·02	·0	·93	·12	·31	23
24	·01	·0	·0	·14	·15	·0	·0	·01	·52	·20	·30	·48	24
25	·25	·0	·0	·29	·12	·02	·0	·72	·05	·0	·46	·0	25
26	·08	·0	·73	·10	·0	·22	·0	·95	·23	·0	·10	·96	26
27	·13	·0	·02	·27	·0	·02	·0	·01	·0	·0	·0	·13	27
28	·0	·0	·0	·09	·0	·03	·0	·39	·0	·10	·0	·50	28
29	·0		·0	·0	·0	·01	·0	·08	·0	·70	·0	·13	29
30	·0		·11	·23	·0	·06	·0	·0	·0	·13	·47	·31	30
31	·02		·02		·0		·45	·0		·0		·04	31
TOTAL	4·89	1·24	6·28	2·66	1·78	2·40	2·80	4·24	2·35	3·28	4·44	9·33	YEAR'S TOTAL 45·69
Days with ·01 in. or more	22	10	18	20	12	19	13	17	13	10	19	25	198

2554

7 FEB 1921

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Hamer Pasture Reservoir

in the County of Lancaster

by The Rochdale Corporation Waterworks Dept.

Lat. 53° 34' N. Long. 2° 7' W.

Time of Observation 9 A.M.

Nearest Railway Station Wardleworth L.&Y.

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 760 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·0	·0	·09	·10	·52	·0	1·19	·04	·16	·02	·04	·15	1
2	·0	·0	·02	·26	·03	·0	·48	·19	·30	·07	·0	·34	2
3	·0	·03	·09	·04	·10	·02	·33	·22	·24	·10	·0	·35	3
4	·0	·0	·0	·10	·02	·0	·18	1·70	·10	·51	·0	·02	4
5	·0	·0	·11	·0	·78	·0	·21	·32	·30	·31	·0	·05	5
6	·0	·0	·58	·27	·20	·0	·02	·0	·0	·0	·06	·12	6
7	·47	·02	SNOW ·07	·11	·07	·0	·22	·0	·0	·0	·0	·0	7
8	·14	·10	·11	·29	·20	·0	·12	·11	·0	·0	·0	·0	8
9	·57	1·25	·02	·37	·0	·0	·22	·08	·02	·0	·09	·0	9
10	1·04	1·16	·13	·11	·0	·0	·70	·0	·0	·0	·0	·02	10
11	·34	·12	·01	·06	·34	·21	·02	·0	·0	·0	·0	SNOW ·03	11
12	·36	·25	·18	·24	·09	·03	·19	·0	·0	·0	·25	SNOW ·03	12
13	·22	·11	·24	·38	·02	·48	·04	·0	·0	·0	·06	SNOW ·02	13
14	·04	·17	·14	·33	·0	·44	·12	·0	·70	·03	·89	SNOW ·01	14
15	·0	·12	·07	·44	·0	·0	·03	·0	·04	·30	·05	·0	15
16	·0	·0	·34	·14	·10	·04	·77	·0	·21	·0	·21	·0	16
17	·11	·0	·0	·0	·20	·0	·01	·47	·42	·03	·0	·0	17
18	·21	·0	·0	·26	·55	·0	·03	·0	·48	·0	·0	·0	18
19	·11	1·03	·0	·10	·54	·0	·05	·24	·0	·0	·0	·0	19
20	·21	·0	·0	·22	·0	·28	·24	·0	·0	·0	·0	·25	20
21	·11	·0	·0	·0	·0	·0	·70	·02	·0	·0	·0	·25	21
22	·14	·0	·0	·49	·0	·0	·82	·03	·0	·0	·0	·10	22
23	·0	·0	·03	·11	·0	·0	·72	·03	·0	·0	·0	·38	23
24	·05	·0	·62	·10	·0	·0	·02	·0	·0	·0	·0	·36	24
25	·0	·0	·13	·15	·0	·0	·98	·0	·0	·0	·0	·0	25
26	·12	·28	·48	·56	·30	·0	·07	·0	·0	·0	·08	·02	26
27	·07	·02	·08	·13	·54	·73	·03	·0	·0	·0	·0	·0	27
28	·52	·0	·33	·41	·10	·12	·09	·0	·0	·0	·30	1·00	28
29	·22	·0	·63	·14	1·38	·0	·44	·0	·0	·0	·28	·80	29
30	·52		·0	·09	·15	·32	·0	·0	·24	·0	·12	·45	30
31	·34		·0		·20		·07	·0		·10		·11	31
TOTAL	5·91	4·66	4·50	6·00	6·43	2·67	9·11	3·45	3·21	1·47	2·43	4·86	YEAR'S TOTAL 54·70
Days with ·01 in. or more	21	13	22	27	21	10	30	12	12	9	12	21	210
Days with ·04 in. or more	21	10	19	27	18	8	23	9	11	6	12	14	178

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

2860

ROCHDALE, ROCH MILLS S.W.

1914 - 20

FORM A.
BRITISH RAINFALL.

0 JAN 1915

REGIS

Kept at Sewage Disposal … Rochdale

in the County of Lanca…

by S. S. Platt, M. Inst. C.E.,

… in.

…nd 1 ft. 1 in.

…vel 36… ft.

NOTE.—Rain should be measured da… …uctions for the measurement of rain and particulars as to the British … …nt post-free on application to Dr. H. R. MILL, 62, Camden Square, …

Rain Gauge.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—	.08	—	—	.03	.60	.27	—	.02	—	[illegible]	1
2	.02	—	.05	.02	—	—	.28	1.13	—	.06	[illegible]	[illegible]	2
3	.12	—	.23	—	.67	—	.06	.22	—	.03	.01	[illegible]	3
4	.47	—	.29	.40	.42	—	—	.03	—	—	.10	[illegible]	4
5	.18	—	.62	.22	.10	.15	.05	—	—	—	.27	[illegible]	5
6	—	.04	.08	.29	.29	.05	.04	.12	—	—	.12	[illegible]	6
7	[illegible]	.03	.20	.07	.39	.08	—	.07	—	—	.04	[illegible]	7
8	.76	—	.02	.02	.27	.23	—	.42	.06	.05	.04	[illegible]	8
9	[illegible]	.17	—	.30	.07	.95	—	.38	.07	—	.22	[illegible]	9
10	.05	.10	.05	.20	.08	—	—	—	.15	—	.11	[illegible]	10
11	—	.24	.56	.02	.04	.06	.31	—	.32	—	1.25	.07	11
12	—	.20	.11	—	.12	—	.18	—	.96	—	.84	.04	12
13	—	.21	.17	.04	.02	—	.07	—	.22	—	.55	.30	13
14	.01	.24	.14	.01	—	—	.01	.01	.17	—	.13	.28	14
15	.01	.04	.55	—	—	—	—	—	.13	—	.25	—	15
16	.01	.03	.10	—	—	—	1.11	—	.71	—	—	.02	16
17	.05	.56	.17	—	—	.44	.20	—	.70	—	—	1.04	17
18	—	.03	.04	—	—	.27	—	—	.06	—	—	.09	18
19	—	.04	.12	—	—	—	.07	—	.18	—	.03	.32	19
20	—	.14	.09	—	—	—	—	—	—	.03	—	.05	20
21	—	.16	—	—	—	.22	.03	.02	—	.07	—	.04	21
22	—	.25	.05	.04	.10	.58	.03	.12	—	.03	—	—	22
23	—	.03	.21	.22	.20	.08	.26	—	—	—	.05	.04	23
24	.08	—	1.05	.08	.08	.06	.69	.64	—	.01	.25	—	24
25	.08	—	—	—	—	—	.63	.40	—	1.11	.09	.12	25
26	.07	—	.05	—	—	—	.05	.02	—	.36	.32	.30	26
27	.08	—	—	—	—	—	—	—	—	.60	.42	1.09	27
28	.07	.17	.17	—	.03	.02	.03	—	.05	.02	.34	.04	28
29	.11	✕	.18	—	.06	—	—	.07	—	.21	.15	.09	29
30	.02	✕	.30	—	—	—	—	.06	—	.02	.22	.20	30
31	.60	✕	.17	✕	—	✕	.81	—	✕	.08	✕	—	31
Total	3.42	2.78	6.05	1.93	2.95	3.22	5.51	3.98	3.78	2.70	5.91	6.7[illegible]	48.93 TOTAL for year 48.93
No. of Rain Days.	20	18	27	14	16	14	20	16	13	15	23	27	[illegible]

0, 1. '12.

EDWARD STAMFORD, 12, 13 & 14, LONG ACRE, W.C.
Waterlow and Sons Limited, Printers, London Wall, London.

Price 2d.

REGIS

FORM A.
BRITISH RAINFALL.

Kept at Sewage Disposal Works, Roch Mills, Rochdale.
in the County of Lancashire
by S. S. Platt, M. Inst. C.E., Borough Surveyor.

Lat. 53° 36' north Long. 2° 10' W.
Nearest Railway Station Rochdale
Time of Observation 9.0 a.m.
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 1 in.
" " " Sea Level 36[illegible] ft.

...AN 1915

NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. Full instructions for the measurement of rain and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Ordinary Rain Gauge

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—	.08	—	—	.03	.60	.27	—	.02	—	.13	1
2	.02	—	.05	.02	—	—	.28	1.13	—	.06	[illegible]	[illegible]	2
3	.12	—	.23	—	.67	—	.06	.22	—	.03	.01	.71	3
4	.07	—	.29	.40	.42	—	—	.03	—	—	.10	[illegible]	4
5	.38	—	.62	.22	.10	.15	.05	—	—	—	.27	[illegible]	5
6	—	.04	.08	.29	.29	.05	.04	.12	—	—	.12	[illegible]	6
7	.06	.03	.20	.07	.39	.08	—	.07	—	—	.04	.25	7
8	.76	—	.02	.02	.27	.23	—	.42	.06	.05	.04	[illegible]	8
9	.44	.17	—	.30	.07	.95	—	.38	.07	—	.22	.03	9
10	.05	.10	.05	.20	.08	—	—	—	.15	—	.11	[illegible]	10
11	—	.24	.56	.02	.04	.06	.31	—	.32	—	1.25	.07	11
12	—	.20	.11	—	.12	—	.18	—	.96	—	.84	.04	12
13	—	.21	.17	.04	.02	—	.07	—	.22	—	.55	.30	13
14	.08	.24	.14	.01	—	—	.01	.01	.17	—	.13	.28	14
15	.01	.04	.55	—	—	—	—	—	.13	—	.25	—	15
16	.01	.03	.10	—	—	—	1.11	—	.71	—	—	.02	16
17	.05	.56	.17	—	—	.44	.20	—	.70	—	—	1.04	17
18	—	.03	.04	—	—	.27	—	—	.06	—	—	.09	18
19	—	.04	.12	—	—	—	.07	—	.18	—	.03	.35	19
20	—	.14	.09	—	—	—	—	—	—	.03	—	.05	20
21	—	.16	—	—	—	.22	.03	.02	—	.07	—	.04	21
22	—	.25	.05	.04	.10	.58	.03	.12	—	.03	—	—	22
23	—	.03	.21	.22	.20	.08	.26	—	—	—	.05	.04	23
24	.08	—	1.03	.08	.08	.06	.69	.64	—	.01	.25	—	24
25	.08	—	—	—	—	—	.63	.40	—	1.11	.09	.12	25
26	.07	—	.05	—	—	—	.05	.02	—	.36	.32	.30	26
27	.08	—	—	—	—	—	—	—	—	.60	.42	1.09	27
28	.07	.17	.17	—	.03	.02	.03	—	.05	.02	.34	.04	28
29	.11	×	.18	—	.06	—	—	.07	—	.21	.15	.09	29
30	.02	×	.30	—	—	—	—	.06	—	.02	.22	.20	30
31	.60	×	.17	×	—	×	.81	—	×	.08	×	—	31
Total	3.42	2.78	6.05	1.93	2.95	3.22	5.51	3.98	3.78	2.70	5.91	6.71	48.93 TOTAL for year 48.93
No. of Rain Days.	20	18	27	14	16	14	20	16	13	15	23	27	223

00, I. '12.

EDWARD STAMFORD, 12, 13 & 14, LONG ACRE, W.C.
Waterlow and Sons Limited, Printers, London Wall, London.

Price 2d.

Cx MH

3047

FORM A.
BRITISH RAINFALL.

26 JAN 1916

REGISTER OF RAINFALL IN 1915.

Kept at Sewage Disposal Works. Roch Mills, Rochdale
in the County of Lancashire S
by S. S. Platt, M. Inst. C. E., Borough Surveyor

Lat. 53°-36' North Long. 2°-10' West.
Time of Observation 9·0 a.m
Nearest Railway Station Rochdale.
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 1 in.
" " " " Sea Level 363 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. Ordinary Rain Gauge

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·10	·59	·08	–	·26	–	·13	·16	·10	–	–	·16	1
2	·01	·40	·42	·33	–	·07	·47	·40	–	·07	–	–	2
3	·65	–	·13	·43	–	–	·40	·09	–	–	–	·54	3
4	·03	·28	·03	–	·09	·05	·56	–	–	–	–	·55	4
5	·21	·13	·26	·01	·07	–	–	·03	–	–	·01	·73	5
6	·36	·02	·05	·46	–	–	·53	·17	–	–	·02	·56	6
7	·68	·55	–	·13	·07	–	·25	·47	–	–	–	·17	7
8	·19	·13	–	·06	–	–	–	·21	–	–	·32	–	8
9	–	·05	–	·03	–	–	·02	·02	–	·04	·27	·39	9
10	1·03	–	·10	·02	–	–	·04	·68	–	·03	·09	·26	10
11	·28	–	·05	–	·60	–	·21	·37	–	–	·06	·49	11
12	·42	–	–	·08	·05	–	·06	·34	–	·44	·71	–	12
13	·38	·45	·02	–	–	–	·07	·50	–	·03	–	·09	13
14	·23	–	·01	·09	–	–	·06	·82	·08	·03	–	·26	14
15	1·16	–	–	–	–	–	·01	·38	·05	–	·31	·25	15
16	–	·49	–	·02	·31	–	·94	·55	–	–	–	·04	16
17	–	·48	·05	–	–	–	·10	–	–	–	–	·02	17
18	·01	·47	·21	–	–	–	–	–	–	–	·01	–	18
19	·03	·20	·10	·10	·16	–	·28	–	–	·02	–	–	19
20	·46	·02	·03	–	·12	–	·10	·02	–	–	–	·38	20
21	·20	·09	–	·07	–	–	·21	–	–	–	–	·19	21
22	·03	–	·10	–	–	·04	·25	–	–	–	–	·28	22
23	–	·03	·17	·02	–	·03	·43	–	·05	·31	–	·17	23
24	–	–	·07	·05	–	·03	–	–	·28	·03	–	·46	24
25	–	–	–	–	–	·69	–	–	·16	·02	–	·26	25
26	–	·58	–	–	–	·19	·24	–	·04	–	–	·45	26
27	–	·25	–	–	–	·04	·15	–	–	·63	–	·35	27
28	–	·40	·01	–	·05	·06	·03	·41	–	·30	–	·02	28
29	·02	–	–	–	·04	·22	–	·13	–	–	·25	·07	29
30	·09	✕	–	·10	–	·05	–	·04	–	–	–	–	30
31	·36	✕	·01	✕	–	✕	–	·90	✕	·12	✕	·30	31
Total	6·93	5·61	1·90	2·00	1·82	1·47	5·54	6·69	·76	2·07	2·05	7·44	YEAR'S TOTAL 44·28
Rain Days.	22	19	19	16	11	11	23	20	7	13	10	25	196

2960

FORM A.
BRITISH RAINFALL.
18 JAN 1917

REGISTER OF RAINFALL IN 1916.

Kept at the Sewage Disposal Works
Rock Mills, Rochdale
in the County of Lancashire
by S. S. Platt, M. Inst. C. E., Borough Surveyor

Lat. 53°-36' North Long. 2° 10' West
Time of Observation 9. 0 a. m.
Nearest Railway Station Rochdale
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 1 in.
" " " " Sea Level 363 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Ordinary Rain Gauge.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.25	.10	.08	—	—	.35	.51	.08	—	—	.29	—	1
2	.32	.22	.09	—	—	.06	.01	—	.05	.32	.05	—	2
3	—	.19	—	.01	.01	.03	.08	—	.87	.37	.14	.03	3
4	.10	.28	—	.01	.50	.96	—	—	.15	.70	.31	—	4
5	.27	.31	—	—	.03	.22	—	—	—	1.36	.24	—	5
6	.90	.46	.03	—	.45	.10	.28	—	—	.27	.40	.08	6
7	.06	.14	.03	—	.27	.05	.05	—	—	.42	.04	.44	7
8	.01	.14	.14	.01	.01	.05	—	—	—	.14	.44	.03	8
9	.13	.01	.04	—	.20	.11	.10	—	—	—	.26	.11	9
10	.03	.15	—	.14	—	.05	.05	—	.02	.11	.02	.05	10
11	.09	.47	.08	.64	.02	.05	.05	—	.22	—	—	.17	11
12	.24	.22	.10	.16	.43	—	.75	.02	.03	.19	—	.02	12
13	—	.21	.04	.13	.01	—	.04	.58	.02	1.49	.01	.08	13
14	.04	.21	—	.22	.48	—	—	.14	.05	.22	—	—	14
15	—	.43	.28	.05	—	—	.08	.43	.21	.05	—	—	15
16	.05	.59	.60	.40	.02	—	.12	.58	.03	.09	—	—	16
17	.16	.25	—	.68	—	—	.07	.01	.95	.17	—	—	17
18	—	.52	—	.18	—	—	—	.06	.31	.13	.35	.42	18
19	.24	—	.21	.27	—	—	—	.11	.02	—	.13	.04	19
20	.39	—	.11	.25	.22	—	.02	.03	—	—	.04	.03	20
21	.09	—	.01	—	.15	—	.10	—	—	—	—	—	21
22	—	.05	—	—	—	.11	—	—	—	.22	—	.13	22
23	.03	.01	.08	.14	—	—	—	.05	—	.06	.32	.25	23
24	—	.18	—	.02	—	.01	—	.23	—	.03	—	.09	24
25	.18	.06	.18	—	.08	.03	—	.28	—	.03	.44	.05	25
26	.11	.30	.19	—	—	.01	—	.03	—	.01	.06	—	26
27	—	.22	.02	—	.06	—	—	.21	—	.40	—	—	27
28	.02	.23	.01	—	.01	.05	—	—	—	.63	.05	.51	28
29	—	.05	—	—	—	.07	—	—	—	.34	—	.68	29
30	.02	X	—	—	—	.06	.02	.01	—	.79	.04	.08	30
31	—	X	—	X	.08	X	—	.09	X	.20	X	.25	31
Total	3.73	6.00	2.32	3.31	3.03	2.37	2.33	2.94	2.93	8.74	3.60	3.54	YEAR'S TOTAL 44.84
Rain Days.	22	26	19	16	18	18	16	17	13	25	19	20	229

W. 8,000, VIII. 16

REGISTER OF RAINFALL IN 1917.

FORM A.
BRITISH RAINFALL.

6. FEB 1918

Kept at the Sewage Disposal Works. Rochmills. Rochdale
in the County of Lancashire
by S. S. Platt, M. Inst. C. E., Borough Surveyor

Lat. 53° 36' North Long. 2° 10' West
Time of Observation 9.0 a.m.
Nearest Railway Station Rochdale
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 1 in.
" " " " Sea Level 363 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Ordinary Rain Gauge.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·08	·	·	·05	·	·24	·	·09	·25	·	·25	·22	1
2	·63	·	·	·03	·	·13	·	·05	·03	·04	·01	·	2
3	·11	·22	·	·	·	·28	·	·02	·	·56	·06	·06	3
4	·14	·03	·01	·	·		·	· ·	·	·71	·03	·	4
5	·38	·	·03	·19	·	·	·	·02	·04	·18	·30	·05	5
6	·04	·	·	·	·	·23	·	·	·	·50	·32	·20	6
7	·74	·	·	·	·	·29	·	·	·	1·16	·07	·10	7
8	·63	·	·	·26	·	· ·	·	·34	·03	1·21	·48	·20	8
9	·	·	·03	·08	·	·	·	·33	·	·18	·62	·	9
10	·39	·	·76	·13	·22	·	·	·07	·	·02	·	·	10
11	·20	·01	·	·08	·	·	·	·02	·	·58	·05	·	11
12	·12	·	·02	·04	·48	·	·	·18	·	·49	·02	·08	12
13	·05	·	·	·24	·10	·	·	·06	·68	·04	·05	·54	13
14	·06	·	·	·16	·03	·	·	·58	·	·	·	·54	14
15	·03	·	·	·05	·	·	·86	·05	·22	·09	·	·34	15
16	·02	·08	·01	·32	·	·	·04	·40	·04	·05	·04	·33	16
17	· ·	·07	·29	·36	·07	·	·38	1·68	·03	·16	·03	·04	17
18	·07	·	·13	·64	·04	·	·86	·34	·27	·07	·	·	18
19	·04	·20	·24	·	1·29	·13	·	·34	·	·	·06	·02	19
20	·01	·29	·02	·	·06	·27	·	·14	·30	·	·45	·02	20
21	·	·03	·10	·	·09	·04	·	·44	·03	·12	·03	·	21
22	·01	·	·07	·	·	·02	·	·17	·28	·40	·12	·	22
23	·	·12	·	·	·16	·12	·03	·15	·07	·21	·02	·10	23
24	·	·	·	·	·01	·12	·01	·25	·	1·04	·43	·08	24
25	·	·09	·09	·	·	·	·	·19	·	·20	·15	·	25
26	·	·	·	·	·	·23	·	·80	·38	·21	1·26	·	26
27	·	·	·04	·	·32	·17	·46	·50	·	·10	·25	·05	27
28	·	·05	·42		·	·	·	·35	·03	·15	·06	·10	28
29	·01	–	·18	·	·	·	·06	·16	·	·55	·17	·14	29
30	·01	X	·30	·	·	·	·	·10	·	·18	·12	·	30
31	·	X	·27	X	·04	X	·	·38	X	·	X	·03	31
Total	3·72	1·19	2·96	2·03	2·91	2·27	2·70	8·20	2·68	9·20	5·45	3·24	YEAR'S TOTAL 46·55
Rain Days.	21 ✓	11 ✓	18 ✓	14 ✓	13 ✓	13 ✓	8 ✓	28 ✓	15 ✓	26 ✓	26 ✓	20 ✓	213

W. 1,000, X. 15.

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Price 2d.

REGISTER OF RAINFALL IN 1918.

FORM A.
BRITISH RAINFALL.

11.1 19

Kept at the Sewage Disposal Works, Roch Mills, Rochdale.
in the County of Lancaster.
by N. Yarwood ~~L. S. Platt~~, M. Inst. C. E., Borough Surveyor

Lat. 53°36' North Long. 2° 10' West.
Time of Observation 9·0 a.m.
Nearest Railway Station Rochdale.
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 1 in.
" " " " Sea Level 361 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·03	·43	·	·07	·05	·	·	·	·80	·14	·17	·46	1
2	·	·34	·	·17	·	·	·	·	·22	·07	·	·90	2
3	·	·05	·01	·	·75	·	·	·05	·04	·42	·01	·03	3
4	·05	·04	·	·	·	·	·	·21	·08	·26	·58	·40	4
5	·02	·	·04	·18	·12	·13	·	·71	·28	·47	·22	·02	5
6	·08	1·66	·	·35	·	·30	·	·20	·02	·19	·	·03	6
7	·02	·22	·	·12	·03	·	·02	·04	·26	·51	·18	-	7
8	·15	·15	·10	·02	·	·	·22	·06	·94	·32	·10	·04	8
9	·35	·71	·	·01	·	·28	·	·	·94	·74	·05	·06	9
10	·07	·40	·06	·01	·	·	·04	·	·68	·14	·30	·06	10
11	·43	·20	·06	·01	·07	·	·18	·04	·65	·	·	·27	11
12	·04	·45	·	·14	·06	·01	·35	·	·38	·	·	·65	12
13	·05	·	·	·02	·40	·02	·	·	·56	·32	·	·01	13
14	·74	·	·	·	·	·21	·17	·	·58	·16	·	·33	14
15	·07	·	·	·	·03	·04	·56	·	1·51	·	·02	·64	15
16	·06	·	·	·	·	·07	·06	·05	·32	·	·	·55	16
17	·32	·	·	·	·04	·07	·17	·19	·14	·08	·	·36	17
18	·54	·	·13	·01	·	·09	·40	·02	·41	·	·	·79	18
19	·23	·12	·23	·09	·	·	·26	·20	·43	·02	·	·57	19
20	·15	·58	·	·14	·	·23	·38	·	·82	·	·	·	20
21	·30	·67	·	·03	·13	·27	·03	·	·67	·10	·	·07	21
22	·11	·15	·	·	·76	·06	·49	·02	·09	·	·	·93	22
23	·08	·02	·	·	·09	·	·33	·	·17	·	·09	·04	23
24	·04	·10	·	·	·	·	·08	·16	·27	·04	·05	·16	24
25	·	·	·	·	·04	·05	·22	·42	·29	·02	·02	·	25
26	·	·19	·	·	·	·	·05	·04	·61	·09	·30	·22	26
27	·	·24	·36	·	·	·05	·	·50	·58	·04	·28	·75	27
28	·	·09	·74	·	·	·	·	·04	·14	·	·18	·60	28
29	·	-	·	·	·	·	·	·	·07	·	·	·27	29
30	·	✕	·44	·	·	·	·	·15	·01	·13	·30	·37	30
31	·	✕	·30	✕	·	✕	·	·35	✕	·02	✕	·	31
Total	3·93	6·71	2·47	1·37	2·57	1·88	4·01	3.35	12·96	4·18	2.85	9·58	YEAR'S TOTAL 55·86
Rain Days.	22	20	11	15	13	15	18	19	30	21	16	27	227

W. 8,000, IX. 17.

Ex Mf

REGISTER OF RAINFALL IN 1919.

FORM A. BRITISH RAINFALL.

Kept at Roch Mills Sewage Disposal Works Rochdale

in the County of Lancaster.

by Henry Yarwood, Borough Surveyor Rochdale

Lat. 53° 36' North. Long. 2° 10' West

Time of Observation 9.0 a.m.

Nearest Railway Station Rochdale

Diameter of Funnel of Rain Gauge 8" in.

Height of top of Gauge above Ground 1 ft. 1 in.

" " " " Sea Level 363 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·64	·	·03	·	·66	·	·27	·11	·42	·53	·03	·16	1
2	·24	·	·39	·	·07	·	·23	·06	·05	·07	·04	·34	2
3	·65	·	·	·	·08	·13	·14	·	·08	·	·15	·17	3
4	·21	·02	·27	·	·02	·02	·16	·21	·04	·	·01	·16	4
5	·02	·	·	·04	·06	·	·	·	·	·	·02	·54	5
6	·02	·	·70	·	·54	·	·	·	·	·	·	·13	6
7	·08	·	·44	·02	·01	·	·	·	·04	-	·23	·	7
8	·14	·	·08	·02	·	·24	·	·	·	·01	·	·	8
9	·36	·	·15	·05	·	·02	·	·	·	·	·05	·	9
10	·	·	·96	·24	·02	·	·	·	·	·	·02	·39	10
11	·02	·	·77	·12	·17	·	·18	·	·	·03	·	·02	11
12	·04	·	·73	·20	·04	·17	·08	·	·05	·15	·09	·	12
13	·48	·	·	·30	·	·02	·03	·04	·	·28	·	·04	13
14	·63	·03	·	·35	·	·	·	·01	·	·	·02	·	14
15	·39	·03	·03	·03	·	·	·	·02	·	·02	·	·45	15
16	·12	·25	·	·12	·	·04	·01	·	·	·	·28	·05	16
17	·11	·07	·	·11	·10	·46	·	·48	·	·	1·07	·05	17
18	·	·	·49	·01	·	·	·06	·55	·17	·	·05	·62	18
19	·10	·20	·78	·	·	·22	·64	·12	·06	·	·17	·14	19
20	·54	·07	·06	·	·	·36	·15	·02	·06	·	·14	·51	20
21	·05	·47	·	·	·	·02	·21	·	·10	·	·09	·28	21
22	-	·04	·	·	·	·15	·	·07	·43	·	·18	1·04	22
23	-	·	·	·	·	·17	·	·02	·	·87	·08	·22	23
24	·01	·	·	·11	·31	·06	·	·04	·41	·22	·38	·34	24
25	·27	·02	·	·16	·10	·11	·	·74	·13	·	·30	·05	25
26	·13	·	·66	·19	·	·10	·03	·79	·09	·	·08	·85	26
27	·17	·	·02	·15	·	·01	·	·04	·	·	·	·11	27
28	-	·01	· ·	·05	·	·05	·	·35	·	·06	·	·54	28
29	·08	-	·03	·	·	·05	·	·06	·	·46	·	·11	29
30	-	X	·15	·19	·	·08	·	·	·	·13	·28	·26	30
31	·01	X	·04	X	·	X	·37	·03	X	·01	X	·08	31
Total	5·51	1·21	6·78	2·46	2·18	2·48	2.56	3·76	2·13	2·84	3·76	7·65	YEAR'S TOTAL 43·32
Rain Days.	25	11	19	19	13	20	14	19	14	13	22	26	215

W. 1,000, X. 15.

EDWARD STANFORD, Ltd., 12, 13 & 14, Long Acre, W.C.
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Price 2d.

2547

7 JAN 1921

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1920.

Kept at Sewage Disposal Works, Roch Mills, Rochdale

in the County of Lancaster

by Henry Yarwood, Borough Surveyor, Rochdale

Lat. 53°36' North. Long. 2°10' West

Time of Observation 9·0 a.m.

Nearest Railway Station Rochdale

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

" " " " Sea Level 363 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·	·	·09	·16	·46	·	1·07	·06	·12	·06	·03	·18	1
2	·03	·	·01	·15	·03	·	·14	·29	·36	·09	·	·32	2
3	·	·04	·	·07	·09	·04	·52	·08	·29	·15	·	·29	3
4	·02	·	·	·09	·04	·	·10	1·46	·04	·48	·	·03	4
5	·	·01	·08	·	·79	·	·21	·23	·23	·24	·	·06	5
6	·	·	·56	·35	·15	·	·02	·	·	·	·05	·04	6
7	·20	·04	·18	·06	·02	·	·21	·	·	·	·02	·	7
8	·29	·07	·	·31	·15	·	·13	·08	·04	·	·	·	8
9	·39	1·22	·02	·35	·	·	·44	·07	·01	·	·07	·02	9
10	·72	·92	·11	·08	·	·	·63	·	·	·	·	·02	10
11	·37	·09	·02	·05	·31	·25	·03	·02	·01	·	·03	·04	11
12	·23	·24	·16	·28	·05	·06	·19	·02	·02	·	·20	·05	12
13	·16	·07	·28	·39	·02	·67	·02	·	·	·	·09	·03	13
14	·05	·17	·13	·30	·	·89	·13	·	·81	·04	·77	·01	14
15	·	·18	·03	·50	·	·	·	·	·02	·31	·05	·	15
16	·	·02	·23	·09	·11	·12	·69	·	·22	·	·17	·	16
17	·08	·	·04	·	·24	·	·	·33	·46	·02	·	·	17
18	·17	·	·	·23	·59	·	·11	·01	·19	·	·	·	18
19	·10	1·07	·	·08	·54	·19	·03	·14	·01	·	·	·	19
20	·22	·01	·	·17	·	·12	·32	·	·	·	·	·11	20
21	·03	·	·	·	·	·	·69	·04	·	·02	·	·33	21
22	·10	·	·	·59	·	·04	·64	·02	·	·	·	·08	22
23	·	·	·04	·13	·	·	·65	·05	·	·	·	·47	23
24	·03	·	·63	·11	·	·01	·03	·	·	·	·	·29	24
25	·03	·09	·10	·13	·	·03	·98	·02	·	·	·	·	25
26	·12	·16	·46	·49	·18	·	·05	·	·	·	·07	·04	26
27	·13	·03	·05	·07	·54	·61	·06	·	·	·	·21	·08	27
28	·95	·04	·33	·31	·15	·08	·04	·	·	·	·04	·30	28
29	·13	·	·41	·26	1·23	·02	·43	·	·	·	·27	·66	29
30	·49	×	·04	·12	·33	·15	·	·	·25	·	·14	·54	30
31	·28	×	·02	×	·16	×	·09	·	×	·09	×	·14	31
Inches. TOTAL	5·32	4·47	4·02	5·92	6·18	3·28	8·65	2·92	3·08	1·50	2·21	4·13	YEAR'S TOTAL 51·68
Days with ·01 in. or more	24	18	23	27	21	15	28	16	16	10	15	23	236
	18	14	18	17	18	12	24	11	11	8	13	18	193

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

✓ WD cor.1.V.12

R 1911

FORM A2.
BRITISH RAINFALL.

12 April 1912

LANCASHIRE

ROCHDALE - SPRING MILL WHITWORTH

1911 - 1920

Kept at Spring

in the County of Lan

by Rochdale Corpora

top in. } As previously furnished
above Ground ft. in.
„ Sea Level ft.

9. am

tion { Name
Distance Direction

IMPORTANT NO , and the result entered to the previous day. If an O universal rule, he is earnestly requested to add the reading ing year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. 0·07

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·430	0	·480	·150	·030	0	330	0	0	030	130	040	1
2	·0	0	·900	0	·050	0	240	040	0	0	530	0	2
3	·150	0	·200	0	·320	0	060	100	0	140	100	160	3
4	0	0	·260	0	·600	0	0	040	040	040	880	080	4
5	0	0	·270	·020	·020	0	020	160	100	100	890	190	5
6	·210	0	·090	·030	0	0	0	600	0	030	450	090	6
7	·350	0	·080	·110	0	0	0	710	0	140	600	274	7
8	·190	0	0	·020	0	0	0	0	0	070	160	040	8
9	·290	0	·430	0	0	0	0	0	100	060	0	900	9
10	·070	0	0	0	0	0	0	0	0	0	040	270	10
11	·260	·130	·290	0	0	0	0	0	0	0	0	770	11
12	·310	0	·020	0	·020	0	0	0	060	020	190	570	12
13	·030	·050	·210	0	0	0	0	0	1·350	0	830	0	13
14	0	·020	·040	0	·400	·020	0	0	0	0	330	720	14
15	·080	·980	·020	0	·920	0	0	0	0	0	100	250	15
16	0	·400	·040	·040	0	0	040	0	0	050	260	500	16
17	0	1·290	·070	0	0	·180	0	0	0	0	230	380	17
18	·070	·040	·100	0	·060	·730	0	0	0	0	270	200	18
19	0	·730	·090	0	0	·280	0	050	0	080	310	260	19
20	0	·160	0	·130	0	·300	090	0	2·00	490	170	230	20
21	0	·290	0	·570	0	0	070	830	070	460	0	540	21
22	·050	1·230	·070	0	0	020	040	0	0	170	0	510	22
23	·070	·080	0	·090	0	050	0	0	0	280	090	030	23
24	·020	·570	·020	0	·430	·340	0	0	400	120	0	350	24
25	·330	350	0	·230	0	1·400	0	880	0	420	0	246	25
26	·050	·830	0	·470	0	·080	140	0	940	120	0	550	26
27	0	·050	0	·330	·020	·130	0	160	0	580	200	470	27
28	0	·660	·040	·580	0	020	0	760	840	0	0	220	28
29	0		0	·460	0	·300	0	020	140	0	060	670	29
30	0		0	·700	0	·480	0	020	1·140	1·080	0	190	30
31	0		0		·060		0	0		320		0	31
	–	·48	·15	·03	–	·33	–	–	·03	·13	·04	·07	
Total	~~2·960~~	7·840	3·720	3·930	~~2·930~~	~~4·330~~	~~1·030~~	~~3·570~~	~~5·380~~	4·800	6·820	9·690	TOTAL for year
	2·53	8·32	3·39	3·81	2·90	4·66	·70	3·57	5·41	4·90	6·73	9·72	56·64 ~~57·000~~ ·92
No. of Rain Days.	~~17~~ 16	~~17~~ 18	20	15	~~12~~ 11	~~14~~ 15	~~9~~ 8	13	~~12~~ 13	21	21	28	

W. 8,000, X. '11.

✓ WD cod. 1.V.12

REGISTER OF RAINFALL IN 1911

FORM A2.
BRITISH RAINFALL.

12 APR 1912

Kept at Spring Mill Reservoir

in the County of Lancaster S3

by Rochdale Corporation (Water Works)

RAIN GAUGE
Pattern } As previously furnished
Diameter of top ...... in.
Height of top above Ground ...... ft. ...... in.
" " " Sea Level ...... ft.

Time of Observation 9. am

Nearest Railway Station { Name
Distance ...... Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. 0·07

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·430	0	·480	·150	·030	0	330	0	0	030	130	040	1
2	·0	0	·900	0	·050	0	240	040	0	0	530	0	2
3	·150	0	·200	0	·320	0	060	100	0	140	100	160	3
4	0	0	·260	0	·600	0	0	040	040	040	880	080	4
5	0	0	·270	·020	·020	0	020	160	100	100	890	190	5
6	·210	0	·090	·030	0	0	0	600	0	030	450	090	6
7	·350	0	·080	·110	0	0	0	710	0	140	600	271	7
8	·190	0	0	·020	0	0	0	0	0	070	160	040	8
9	·290	0	·430	0	0	0	0	0	100	060	0	900	9
10	·070	0	0	0	0	0	0	0	0	0	040	270	10
11	·260	·130	·290	0	0	0	0	0	0	0	0	770	11
12	·310	0	·020	0	·020	0	0	0	060	020	190	570	12
13	·030	·050	·210	0	0	0	0	0	1·350	0	830	0	13
14	0	·020	·040	0	·400	·020	0	0	0	0	330	720	14
15	·080	·980	·020	0	·920	0	0	0	0	0	100	250	15
16	0	·400	·040	·040	0	0	040	0	0	050	260	500	16
17	0	1·290	·070	0	0	·180	0	0	0	0	230	380	17
18	·070	·040	·100	0	·060	·730	0	0	0	0	270	200	18
19	0	·730	·090	0	0	·280	0	050	0	080	310	260	19
20	0	·160	0	·130	0	·300	090	0	2·00	490	170	230	20
21	0	·290	0	·570	0	0	070	830	070	460	0	540	21
22	·050	1·230	·070	0	0	020	040	0	0	170	0	510	22
23	·070	·080	0	·090	0	050	0	0	0	280	090	030	23
24	·020	·570	·020	0	·430	340	0	0	400	120	0	350	24
25	·330	·330	0	·230	0	1·400	0	080	0	420	0	240	25
26	·050	·830	0	·470	0	·080	140	0	940	120	0	550	26
27	0	·050	0	·330	·020	·130	0	160	0	580	200	470	27
28	0	·660	·040	·580	0	020	0	760	840	0	0	220	28
29	0		0	·460	0	·300	0	020	140	0	060	670	29
30	0		0	·700	0	·480	0	020	1·140	1·080	0	190	30
31	0		0		·060		0	0		320		0	31
	-	·48	·15	·03	-	·33	-	-	·03	·13	·04	·07	
Total	~~2·960~~	~~7·840~~	3720	3·930	~~2·930~~	~~4·330~~	~~1·030~~	~~3·570~~	~~5·380~~	~~4·800~~	~~6·820~~	~~9·690~~	TOTAL for year
	2·53	8·32	3·39	3·81	2·90	4·66	·70	3·57	5·41	4·90	6·73	9·72	56·64 ~~57·000~~
No. of Rain Days.	~~17~~ 16	~~17~~ 18	20	15	~~12~~ 11	~~14~~ 15	~~9~~ 8	13	~~12~~ 13	21	21	28	229

W. 8,000, X. '11.

Amended

Cor'd by Cowm 14.III.13 Cor. for WD. 14.V.13.

REGISTER OF RAINFALL IN 1912

FORM A.
BRITISH RAINFALL.
1 FEB 1913

Kept at Spring Mill Reservoir
in the County of Lancashire S 3
by the Rochdale Corporation (Water Wks Department)

Lat. Long.
Time of Observation 9 am
Nearest Railway Station Broadley
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 7 in.
" " " " Sea Level 720 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·06

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
1	07	.	10	27	.	37	18	149	62	.	.	6	1
2	.	.	35	.	.	06	10	04	22	.	05	124	2
3	01	02	27	07	13	22	22	.	14	.	.	20	3
4	62	.	16	03	.	49	.	63	132	.	03	31	4
5	73	.	72	70	07	76	.	112	11	.	80	.	5
6	45	04	05	.	58	09	.	04	14	4	05	06	6
7	36	36	.	02	13	.	.	33	.	5	02	02	7
8	.	22	07	05	22	05	03	08	48	.	06	02	8
9	40	38	15	26	02	03	02	04	14	.	13	0	9
10	23	11	27	54	.	03	04	02	.	.	07	29	10
11	27	03	02	04	.	41	15	10	.	.	120	02	11
12	13	04	.	.	.	.	08	08	.	.	.	98	12
13	15	22	65	.	.	71	04	0	.	.	.	14	13
14	02	.	.	.	.	.	.	23	.	57	10	85	14
15	61	.	112	0.3	.	24	.	32	.	.	.	66	15
16	16	24	38	.	76	48	.	08	02	4	.	25	16
17	90	04	50	.	13	09	.	27	.	49	07	22	17
18	09	18	30	.	08	150	.	62	.	2	21	64	18
19	08	02	03	.	.	12	.	06	.	74	14	26	19
20	15	09	40	.	.	09	11	30	.	52	17	.	20
21	30	.	05	.	43	06	04	60	.	47	.	09	21
22	02	02	24	.	23	.	02	06	.	25	.	33	22
23	.	45	.	.	56	30	13	87	.	.	03	13	23
24	.	.	31	.	.	14	76	135	.	.	52	14	24
25	05	09	08	.	05	65	10	17	.	3	11	20	25
26	.	08	16	.	.	59	03	.	.	.	77	17	26
27	.	18	25	.	.	03	58	32	.	146	86	18	27
28	.	10	91	.	.	82	41	.	.	72	06	36	28
29	.	08	05	.	.	26	77	114	3	65	40	0	29
30	.		03	.	.	07	83	03	16	(21)	0	37	30
31	08		36		13		04	.		08		.	31
	—	·10	·27	—	·37	·18	1·49	·62	—	—	·06	·06	YEAR'S TOTAL
Total	~~588~~	~~299~~	~~798~~	~~201~~	~~352~~	~~866~~	~~468~~	~~10·39~~	~~338~~	~~634~~	~~535~~	~~819~~	~~69·37~~
Rain Days.	~~22~~ 21	22	27	~~10~~ 9	~~14~~ 15	26	21	26	10	16	22	26	241
	5·81	3·09	8·15	1·74	3·89	8·47	5·99	9·52	2·76	6.34	5·41	8·19	69·36

W. 7,500, XI. ·12

completely 2ndy.

REGIST

Kept at Spring Mill

in the County of (Cla Lancas

by Rochdale Corpora

ROCHDALE
SPRING MILL RES.
LANCASHIRE

FORM A.
BRITISH RAINFALL.
25 APR 1914

ey

ft. 7 in.

~~222.47~~ 720 ft.

ntered to the

COUNTY BOROUGH OF ROCHDALE
CREDE SIGNO
FRANK H. BRUNT, Assoc. M. Inst. C.E.
WATERWORKS ENGINEER
AND MANAGER.

Waterworks Office,
Lord Street,
Rochdale.

6th May 1914.
Wednesday.

Dear Sirs,

I am obliged for your Mr. Salter's letter of the 4th instant informing me of the manner in which you propose to deal with the rainfall registered by the old and new gauges at Ramsden Hill and Spring Mill Reservoirs during the last year.

I might add that from the 1st January last the Rainfall measured at 9 a.m. daily is now entered against the date of the previous day in accordance with rule 12 of the pamphlet issued by your Organisation.

Yours faithfully,

Frank H. Brunt

Engineer & Manager.

Dr. H. R. Mill,
British Rainfall Organisation,
62, Camden Square,
London N. W.

													YEAR'S TOTAL
31	·80	—	·04	—	·13	—	·0	·0	·0	·29	·0	·0	31
Total	·05 ~~5·91~~	— 2·83	·20 7·37	— 6·64	·30 ~~4·91~~	— ~~4·66~~	— ~~1·54~~	— 2·91	— 2·41	— 2·78	·29 8·09	— ~~5·18~~	~~55·2~~ ~~49·32~~
Rain Days.	·19	~~16~~ 15	~~24~~ 25	~~20~~ 19	~~20~~ 21	~~17~~ 16	13	9	14	19	~~27~~ 28	~~24~~ 20	~~206~~ 218
	5·99	2·78	7·57	6·44	5·21	4·36	1·54	2·91	2·41	2·78	8·38 9	4·89	55·17

C.D. W.7,000, XI. 13

WP

completed by Andy.

REGIST

FORM A. BRITISH RAINFALL.

25 APR 1914

Kept at Spring Mill Reservoir (Old Gauge)
in the County of Lancashire S3
by Rochdale Corporation Waterworks Committee

Lat. Long.
Time of Observation 9. a.m.
Nearest Railway Station Broadley
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 7 in.
" " " " Sea Level ~~333.47~~ 720 ft.

TELEPHONE Nº 170.

COUNTY BOROUGH OF ROCHDALE
CREDE SIGNO

FRANK H. BRUNT, Assoc.M.Inst.C.E.
WATERWORKS ENGINEER
AND MANAGER.

Waterworks Office,
Lord Street,
Rochdale.

6th May 1914.
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Yours faithfully,

Frank H. Brunt

Engineer & Manager.

Dr. H. R. Mill,
British Rainfall Organisation,
62, Camden Square,
London N. W.

31	·80	—	·04	—	·13	—	·0	·0	·0	·29	·0	·0	31
	·05	—	·20	—	·30	—	—	—	—	—	·29	—	YEAR'S TOTAL ~~55.27~~
Total	~~5.91~~	2.83	~~7.37~~	6.64	~~4.91~~	~~4.66~~	~~1.54~~	2.91	2.41	2.78	~~8.09~~	~~5.18~~	~~49.36~~
Rain Days.	·19	~~16~~ 15	~~24~~ 25	~~20~~ 19	~~20~~ 21	~~17~~ 16	13	9	14	19	~~27~~ 28	~~21~~ 20	~~206~~ 218
	5.99	2.78	7.57	6.44	5.21	4.36	1.54	2.91	2.41	2.78	8.39	4.89	55.17

C.D. W.7,000, XI. 18

The selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

·0

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·06	·05	·0	·20	·0	·30	·0	·0	·0	·0	·0	·29	1
2	·12	·11	·36	·13	·0	·0	·0	·0	·05	·0	·08	·0	2
3	·02	·20	·76	·04	·0	·36	·0	·0	·0	·0	·24	·33	3
4	·10	·32	·27	·0	·79	·0	·0	·0	·02	·0	·14	·77	4
5	·88	·27	·03	·0	·02	·02	·14	·0	·0	·04	·35	·80	5
6	·31	·11	·11	·0	·04	·42	·17	·0	·0	·08	·04	·03	6
7	·18	·34	·23	·0	·78	·35	·27	·0	·0	·09	·03	·03	7
8	-	·37	·05	·0	·47	·30	·07	·0	·0	·45	·07	·10	8
9	-	·40	·05	·0	·06	·04	·0	·41	·03	·07	·21	·12	9
10	-	·36	·82	·06	·13	1·45	·10	·02	·0	·0	·23	·23	10
11	-	·06	·56	·19	·17	·0	·02	·0	·06	·07	·17	·0	11
12	·17	·0	·0	·55	·04	·18	·0	·0	·0	·16	·24	·18	12
13	·09	·0	·0	·0	·0	·0	·0	·0	·32	·0	·55	·0	13
14	-	·03	1·22	·09	·0	·0	·04	·18	·24	·07	·56	·0	14
15	·16	·0	·32	·48	·0	·0	·02	·0	·0	·52	·44	·17	15
16	·09	·02	·56	·67	·0	·0	·0	·20	·05	·04	·43	·15	16
17	-	·0	·05	·04	·0	·0	·08	·0	·0	·0	·59	·03	17
18	-	·0	·0	·22	·16	·04	·28	·0	·26	·0	·25	·0	18
19	·09	·0	·37	·45	·26	·05	·13	·0	·0	·0	·63	·0	19
20	·04	·0	·09	·20	·18	·07	·0	·0	·10	·17	·68	·0	20
21	·24	·0	·17	·09	·06	·0	·02	·0	·03	·24	1·35	·0	21
22	-	·0	·13	·0	·27	·0	·20	·44	·0	·0	·10	·0	22
23	·72	·0	·62	·0	·26	·0	·0	·78	·27	·0	·0	·02	23
24	·38	·0	·05	·0	·96	·57	·0	·70	·29	·02	·22	·18	24
25	·82	·13	·0	·21	·03	·37	·0	·02	·0	·0	·07	·15	25
26	-	·0	·0	·10	·0	·0	·0	·0	·49	·06	·18	·46	26
27	-	·04	·10	·82	·0	·05	·0	·0	·20	·08	·0	·86	27
28	-	·02	·0	·56	·0	·05	·0	·0	·0	·25	·04	·23	28
29	·64	—	·18	·66	·03	·04	·0	·0	·0	·05	·05	·03	29
30	·	—	·23	·88	·07	·0	·0	·16	·0	·03	·15	·02	30
31	·80	—	·04	—	·13	—	·0	·0	·0	·29	·0	·0	31
	·05	–	·20	–	·30	–	–	–	–	–	·29	–	YEAR'S TOTAL 55·23
Total	~~5·91~~	2·83	7·37	6·64	~~4·91~~	~~4·66~~	~~1·54~~	2·91	2·41	2·78	~~8·09~~	~~5·18~~	~~49·36~~
Rain Days.	·19	~~16~~ 15	~~24~~ 25	~~20~~ 19	~~20~~ 21	~~17~~ 16	13	9	14	19	~~27~~ 28	~~21~~ 20	~~206~~ 218
	5·90	2·78	7·57	6·44	5·21	4·36	1·54	2·91	2·41	2·78	8·39	4·89	55·17

C.D. W.7,000, XI. 13

Cor. for WD. ~~8.V.14~~

REGISTER OF RAINFALL IN 1913

25 APR 1914

FORM A.
BRITISH RAINFALL.

Kept at Spring Mill Reservoir
in the County of Lancashire S.3
by Rochdale Corporation Waterworks Committee

Lat. Long.
Time of Observation 9 am
Nearest Railway Station Broadley
Diameter of Rain Gauge old gauge 8 in. new " 5 in.
Height of top of Gauge above Ground 1 ft. 7 in.
" " " " Sea Level 720 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·0

← Readings recorded by New Gauge →

Old Gauge

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·06	·03	·0	·17	·0	·28	·0	·0	·0	·0	0	·24	1
2	·12	·10	·30	·11	·0	·0	·0	·0	·04	·0	·06	·0	2
3	·02	·18	·66	·04	·0	·30	·0	·0	·0	·0	·22	·25	3
4	·10	·27	·24	·0	·67	·0	·0	·0	·07	·0	·12	·62	4
5	·88	·23	·03	·0	·02	·01	·11	·0	·0	·03	·28	·77	5
6	·31	·10	·09	·0	·04	·40	·14	·0	·0	·06	·03	·02	6
7	·18	·27	·21	·0	·68	·26	·24	·0	·0	·07	·02	·03	7
8	·0	·31	·05	·0	·42	·26	·06	·0	·0	·38	·06	·10	8
9	·0	·32	·06	·0	·05	·04	·0	·36	·02	·06	·17	·11	9
10	·0	·30	·76	·05	·11	1·31	·08	·02	·0	·0	·19	·21	10
11	·0	·05	·48	·17	·16	·0	·02	·0	·05	·05	·14	·0	11
12	·17	·0	·0	·55	·04	·15	·0	·0	·0	·14	·20	·16	12
13	·09	·0	·0	·0	·0	·0	·0	·0	·27	·0	·43	·0	13
14	·0	·02	1·00	·08	·0	·0	·03	·15	·22	·05	·44	·0	14
15	·16	·0	·27	·41	·0	·0	·01	·0	·0	·47	·41	·16	15
16	·09	·07	·46	·65	·0	·0	·0	·17	·03	·03	·40	·13	16
17	·0	·0	·05	·04	·0	·0	·06	·0	·0	·0	·44	·03	17
18	·0	·0	·0	·20	·14	·04	·24	·0	·22	·0	·20	·0	18
19	·09	·0	·34	·41	·24	·03	·11	·0	·0	·0	·52	·0	19
20	·04	·0	·09	·18	·16	·06	·0	·0	·09	·14	·53	·0	20
21	·24	·0	·15	·08	·06	·0	·01	·0	·02	·21	1·15	·0	21
22	·0	·0	·11	·0	·24	·0	·17	·33	·0	·0	·07	·0	22
23	·72	·0	·55	·0	·22	·0	·0	·72	·22	·0	·0	·02	23
24	·38	·0	·05	·0	·82	·52	·0	·69	·23	·07	·21	·16	24
25	·82	·12	·0	·18	·02	·28	·0	·02	·0	·0	·05	·12	25
26	·0	·0	·0	·09	·0	·0	·0	·0	·42	·04	·15	·42	26
27	·0	·04	·09	·70	·0	·04	·0	·0	·17	·06	·0	·75	27
28	·0	·02	·0	·47	·0	·04	·0	·0	·0	·22	·03	·20	28
29	·64	—	·16	·56	·03	·03	·0	·0	·0	·04	·05	·02	29
30	·0	—	·20	·77	·06	·0	·0	·14	·0	·02	·13	·02	30
31	·80	—	·04	—	·13	—	·0	·0	—	·26	—	·0	31
	·03	–	·17	–	·28	–	–	–	–	–	·24	–	
Total	(~~5·91~~)	~~2·37~~	~~6·44~~	~~5·91~~	~~4·31~~	~~4·05~~	~~1·28~~	~~2·60~~	~~2·01~~	~~2·34~~	~~6·70~~	~~4·54~~	YEAR'S TOTAL ~~48·46~~
Rain Days.	19	~~16~~ 15	~~24~~ 25	~~20~~ 19	~~20~~ 21	~~14~~ 16	13	9	14	19	~~27~~ 28	~~21~~ 20	218 ~~219~~
	(5·88)	2·34	6·61	5·74	4·59	3·77	1·28	2·60	2·01	2·34	6·94	4·30	(48·40)

W.7,000, XI. 13

Ex DL

REGISTER OF RAINFALL IN 1914.

FORM A.
BRITISH RAINFALL.

16 JAN 1915

Kept at ROCHDALE Spring Mill Reservoir.
in the County of Lancashire S 3
by The Rochdale Corpⁿ. Water Works Committee

Lat. .... Long. ....
Time of Observation 9. a.m.
Nearest Railway Station Broadley
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 7 in.
" " " " Sea Level 720 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·0	·0	·10	·0	·0	·03	·62	·50	·0	·07	·0	·24	1
2	·03	·0	·06	·0	·0	·0	·30	·85	·0	·17	·14	·33	2
3	·27	·0	·34	·0	·83	·0	·05	·08	·0	·05	·0	·65	3
4	·81	·0	·46	·47	·30	·0	·0	·03	·0	·0	·07	·32	4
5	·12	·0	·81	·28	·12	·25	·09	·0	·0	·03	·28	·28	5
6	·0	·09	·09	·26	·41	·08	·06	·30	·0	·0	·22	·03	6
7	·14	·02	·23	·03	·35	·14	·0	·07	·0	·0	·05	·19	7
8	1·11	·0	·05	·04	·34	·25	·0	·73	·12	·0	·08	·07	8
9	·50	·24	·0	·41	·14	·84	·0	·50	·09	·0	·35	·0	9
10	·05	·13	·0	·16	·08	·0	·0	·0	·25	·0	·12	·0	10
11	·0	·27	·63	·0	·05	·03	·23	·0	·36	·0	1·58	·08	11
12	·0	·18	·11	·0	·17	·0	·24	·0	1·27	·0	1·05	·07	12
13	·0	·30	·26	·03	·02	·0	·10	·0	·45	·0	·65	·27	13
14	·03	·37	·27	·0	·0	·0	·0	·0	·20	·0	·34	·32	14
15	·0	·03	·56	·0	·0	·0	·0	·0	·15	·0	·20	·0	15
16	·02	·02	·08	·0	·0	·0	1·24	·0	·83	·0	·0	·02	16
17	·05	·83	·14	·0	·0	·07	·19	·0	1·20	·0	·0	1·36	17
18	·0	·10	·05	·0	·0	·21	·0	·0	·12	·0	·0	·14	18
19	·0	·05	·07	·0	·0	·0	·07	·0	·17	·0	·0	·33	19
20	·0	·14	·12	·0	·0	·0	·0	·0	·0	·0	·0	·0	20
21	·0	·18	·04	·0	·0	·18	·0	·09	·0	·07	·0	·02	21
22	·0	·35	·06	·05	·05	·50	·02	·13	·0	·04	·0	·0	22
23	·0	·02	·21	·22	·19	·19	·22	·0	·0	·0	·05	·13	23
24	·09	·0	1·17	·09	·40	·09	·50	·63	·0	·0	·33	·0	24
25	·12	·0	·0	·0	·0	·0	·83	·60	·0	1·38	·29	·74	25
26	·06	·0	·04	·0	·0	·0	·10	·0	·0	·37	·36	·56	26
27	·11	·03	·0	·0	·0	·0	·0	·0	·0	·70	·42	1·20	27
28	·12	·22	·17	·0	·03	·02	·06	·0	·10	·03	·45	·0	28
29	·25		·19	·0	·07	·0	·0	·08	·0	·25	·23	·06	29
30	·02	X	·46	·0	·0	·0	·0	·11	·0	·03	·21	·21	30
31	·72	X	·30	X	·0	X	1·06	·0	X	·10	X	·0	31
Total	4·62	3·57	7·07	2·04	3·55	2·88	5·98	4·70	5·31.	3·29	7·47	7·62	YEAR'S TOTAL 58·10
Rain Days.	19	19	27	11	16	14	18	14	13	13	21	23	208.

W. 8,000. X. 14.

3066

FORM A.
BRITISH RAINFALL.
14 FEB 1916

REGISTER OF RAINFALL IN 1915

Kept at Spring Mill Reservoir. Whitworth

in the County of Lancaster

by Rochdale Corporation

Lat. Long.

Time of Observation 9 am

Nearest Railway Station Broadley

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 7" in.

" " " " Sea Level 720 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·07	·78	·10	–	·42	–	·18	·17	·12	–	–	·10	1
2	–	·40	·48	·40	–	·06	·58	·38	–	·13	–	·	2
3	·85	–	·20	·56	–	–	·38	·14	–	–	–	·57	3
4	·10	·40	·02	–	·07	·04	·48	–	–	–	–	·65	4
5	·24	·18	·30	–	·04	–	–	·05	–	–	–	·86	5
6	·40	·03	·06	·44	–	–	·60	·13	–	–	·03	·70	6
7	·86	·83	–	·17	·05	–	·30	·56	–	–	–	·34	7
8	·40	·10	–	·18	–	–	–	·14	–	–	·69	–	8
9	–	·03	–	·7	–	–	·03	·05	–	·06	·32	·45	9
10	1·20	–	·13	·02	–	–	·05	·90	–	·02	·10	·37	10
11	·27	–	–	–	·65	–	·13	·50	–	–	·17	·35	11
12	·54	–	–	·11	·12	–	·06	·20	–	·37	·88	–	12
13	·37	·49	·03	–	–	–	·09	·02	·03	·02	–	·18	13
14	·23	–	–	·14	–	–	·11	·63	·18	–	–	·40	14
15	1·56	–	–	–	–	–	·06	·10	·07	–	·43	·36	15
16	–	·65	–	·03	·30	–	1·07	·66	–	–	–	·03	16
17	–	·50	–	–	–	–	·05	–	–	–	–	–	17
18	·03	·43	·17	–	–	–	–	–	–	·02	–	–	18
19	·08	·18	·16	·17	·24	–	·63	–	–	–	–	–	19
20	·68	·07	–	–	·14	–	·12	·06	–	–	–	·52	20
21	·22	·02	–	·07	–	–	·33	–	–	–	–	·20	21
22	·07	–	·10	–	–	·08	·11	–	–	–	–	·34	22
23	–	·02	·22	·04	–	·07	·55	–	·03	·33	–	·24	23
24	–	–	·12	·03	–	·08	–	–	·27	·05	–	·70	24
25	–	–	–	–	–	·33	–	–	·08	·03	–	·25	25
26	–	·63	–	–	–	·16	·34	–	·06	–	–	·75	26
27	–	·33	–	–	–	·02	·11	–	–	·58	–	·68	27
28	–	·46	–	–	·05	·03	·02	·37	–	·22	–	–	28
29	–		–	–	·06	·28	–	·04	–	–	·32	·08	29
30	·35	X	–	·10	–	·15	–	·10	–	–	–	–	30
31	·24	X	–	X	–	X	–	·68	X	·17	X	·32	31
Total	8·76	6·53	2·09	2·53	2·14	1·25	6·38	5·88	·84	2·00	2·94	9·44	YEAR'S TOTAL 50·78
Rain Days.	20	19	13	15	11	11	23	20	8	12	8	23	183.

W. 8,000. X. 15.

REGISTER OF RAINFALL IN 1916

FORM A.
BRITISH RAINFALL.
22 FEB 1917

Kept at Spring Mill Reservoir, Whitworth
in the County of Lancashire
by Rochdale Corpⁿ. Waterworks Committee

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Broadley
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 7 in.
" " " " Sea Level 720 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·30	·12	·18	·0	·0	·41	·58	·0	·0	·0	·25	·0	1
2	·28	·25	·05	·0	·0	·08	·0	·0	·32	·26	·08	·0	2
3	·0	·22	·02	·03	·0	·05	·62	·0	·70	·30	·16	·0	3
4	·14	·35	·0	·0	·48	1·65	·0	·0	·05	·90	·30	·0	4
5	·36	·45	·0	·0	·03	·35	·0	·0	·0	1·65	·31	·0	5
6	1·15	·70	·08	·0	·44	·28	·33	·0	·0	·23	·48	·05	6
7	·09	·21	·06	·0	·27	·12	·10	·0	·0	·42	·07	·54	7
8	·02	(S) ·06	·23	·0	·02	·10	·03	·0	·0	·15	·54	(S) ·02	8
9	·16	·0	·0	·02	·35	·12	·0	·0	·0	·0	·36	·09	9
10	·07	·12	·0	·19	·0	·13	·15	·0	·0	·23	·05	(S) ·03	10
11	·14	·67	·17	·78	·04	·09	·07	·0	·23	·0	·02	·15	11
12	·32	·35	·20	·21	·46	·0	·71	·13	·03	·25	·0	·0	12
13	·0	·24	·04	·40	·0	·0	·0	·80	·0	1·82	·0	(S) ·10	13
14	·10	·38	·0	·20	·73	·0	·0	·20	·11	·13	·0	·0	14
15	·04	·65	·35	·08	·02	·0	·10	·23	·23	·11	·0	·0	15
16	·05	·37	·66	·64	·0	·0	·18	1·32	·03	·10	·0	·0	16
17	·23	·30	·0	·97	·0	·0	·05	·02	1·35	·21	·0	·0	17
18	·0	·70	·0	·28	·0	·0	·0	·04	·46	·18	·35	(S) ·34	18
19	·31	·0	·22	·18	·0	·0	·0	·14	·02	·0	·20	·0	19
20	·53	·0	·14	·15	·0	·0	·02	·0	·0	·0	·11	·07	20
21	·22	·0	·0	·0	·07	·0	·16	·0	·0	·0	·0	·0	21
22	·0	·03	·0	·0	·0	·15	·0	·0	·0	·22	·0	(S) ·04	22
23	·06	·0	·09	·16	·0	·0	·0	·10	·0	·07	·34	·31	23
24	·0	(S) ·13	·0	·04	·0	·0	·0	·31	·0	·07	·0	(S) ·08	24
25	·31	·03	·24	·0	·15	·04	·0	·28	·0	·04	·54	·10	25
26	·22	·05	·20	·0	·0	·0	·0	·06	·0	·0	·05	·0	26
27	·0	·14	·03	·0	·09	·0	·0	·12	·02	·60	·0	·0	27
28	·04	·18	·0	·0	·0	·05	·0	·0	·0	·95	·15	·75	28
29	·0	·13	·0	·0	·0	·15	·0	·0	·0	·48	·02	·91	29
30	·03	X	·0	·0	·0	·05	·0	·0	·0	·84	·04	·15	30
31	·0	X	·0	X	·11	X	·0	·16	X	·16	X	·35	31
Total	5·17	6·83	2·96	4·33	3·26	3·82	3·10	3·91	3·55	10·32	4·42	4·08	YEAR'S TOTAL 55·75
Rain Days.	23	24	17	15	14	16	13	14	12	24	20	17	209

W. 8,000, VIII. 16

(S) = Snow.

2836

FORM A.
BRITISH RAINFALL.

21 JAN 1918

REGISTER OF RAINFALL IN 1917

Kept at Spring Mill Reservoir, Whitworth
in the County of Lancashire
by Rochdale Corporation Waterworks Committee

Lat. Long.
Time of Observation 9 a.m
Nearest Railway Station Broadley.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 7 in.
" " " " Sea Level 720 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·18			·06		·27		·05	·68		·23	·27	1
2	·91			·02		·10		·06	·03	·04			2
3	·25	·51				·42				·70	·07	·11	3
4	·17	·02								1.03		02	4
5	·40		·04	·17				·06	·02	·31	·39	·06	5
6	·11					·08				49	·31	·21	6
7	·85		·02			·32				1.37	·12	·12	7
8	·64			·32				·38	·04	1.22	·59	·27	8
9			·08	·21				·46		·23	·80		9
10	·55		·58	·23	·19			·10		·04			10
11	·17			·05				·03		·49	·05		11
12	·12		·02	·02	·42			·36		·62		·10	12
13	·02			·30	·05			·07	·92	05	·07	·60	13
14	·10			·22				·37				·33	14
15	·02			·07			·91	·18	·23	·12		·46	15
16		·06		·48			·02	·36	·02	·05	·02	·45	16
17		·11	·33	·42	·10		·21	1.61	·07	·33	·04	·05	17
18	·04		·10	·07	·09		1.16	·35	25	·16			18
19	·05	·32	·36		·88	·14		·03			·07	·12	19
20		·40	·02		·08	·24		·14	·16		·52		20
21		·02	·14		·07	·03		·19	·03	·14	·04		21
22			·03					·13	·37	·56	·17		22
23		·14			·23	·15	·02	·42	·06	·25	·03	·12	23
24						·10		·44		1.22	·43	·09	24
25		·16	·10					·19		·40	·04		25
26						·26		·66	·44	·23	1·41		26
27			·04		·39	·17	·48	·41		·17	·27	·04	27
28		·05	·45					·63	·02	·20	·15	·07	28
29			·29		·03		·02	·26		·66	·41	·19	29
30	·05		·40					·11		·24	·15	·02	30
31			·30		·07			·30				·02	31
Total	4.63	1·79	3.30	2.64	2.60	2.28	2.82	8.35	3.34	11·32	6.38	3.72	YEAR'S TOTAL 53.17
Rain Days.	17	10	17	14	12	12	7	27	15	26	23	21	201

W. 8,000, IX. 17.

REGISTER OF RAINFALL IN 1918.

FORM A.
BRITISH RAINFALL.

Kept at Spring Mill Reservoir, Whitworth
in the County of Lancaster
by Rochdale Corporation

Lat. ______ Long. ______
Time of Observation 9 a.m.
Nearest Railway Station Broadley
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 7 in.
" " " " Sea Level 720 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·0	·32	·02	·07	·06	·0	·0	·0	·80	·14	·21	·66	1
2	·0	·44	·0	·11	·0	·0	·0	·0	·20	·15	·0	1·11	2
3	·0	·06	·0	·0	·76	·0	·0	·05	·03	·62	·0	·07	3
4	·07	·03	·0	·0	·04	·0	·0	·26	·12	·38	·60	·50	4
5	·02	·0	·03	·15	·18	·02	·0	·74	·18	·58	·11	·04	5
6	·0	2·06	·0	·45	·0	·40	·0	·20	·10	·22	·0	·04	6
7	·06	·43	·0	·47	·02	·0	·0	·06	·31	·63	·23	·0	7
8	·10	·16	·05	·0	·0	·0	·14	·0	1·17	·21	·08	·07	8
9	·48	·95	·0	·0	·0	·28	·0	·0	·88	1·05	·14	·11	9
10	·07	·65	·08	·0	·0	·0	·04	·0	1·07	·18	·66	·06	10
11	·52	·23	·10	·05	·08	·0	·08	·06	·50	·0	·0	·40	11
12	·14	·53	·0	·07	·04	·02	·26	·0	·45	·02	·0	·71	12
13	·08	·0	·0	·02	·26	·05	·0	·0	·27	·38	·0	·0	13
14	1·00	·0	·0	·0	·03	·11	·12	·0	·80	·30	·0	·32	14
15	·11	·0	·0	·0	·03	·12	·67	·0	1·86	·02	·0	·90	15
16	·0	·0	·0	·0	·0	·10	·13	·17	·44	·0	·0	·48	16
17	·35	·0	·0	·0	·02	·07	·34	·25	·21	·06	·0	·45	17
18	·70	·0	·17	·0	·0	·10	·41	·04	·49	·0	·0	·85	18
19	·30	·15	·25	·10	·0	·0	·30	·32	·95	·04	·0	·90	19
20	·15	·61	·0	·13	·0	·26	·27	·0	·58	·0	·0	·0	20
21	·36	·91	·0	·0	·57	·28	·02	·0	·60	·05	·0	·04	21
22	·18	·07	·0	·0	·54	·14	·72	·03	·07	·0	·0	1·02	22
23	·14	·03	·0	·0	·18	·0	·32	·0	·28	·0	·14	·10	23
24	·04	·14	·0	·0	·0	·0	·33	·13	·35	·03	·06	·16	24
25	·0	·0	·0	·0	·04	·07	·27	·49	·17	·0	·03	·0	25
26	·0	·27	·0	·0	·0	·0	·11	·12	1·12	·12	·38	·40	26
27	·0	·23	·42	·0	·0	·07	·0	·76	·78	·08	·39	·95	27
28	·0	·03	·73	·0	·0	·10	·0	·05	·10	·0	·21	·67	28
29	·0		·0	·0	·0	·0	·0	·0	·08	·02	·0	·40	29
30	·0		·41	·0	·0	·0	·0	·25	·0	·04	·26	·46	30
31	·0		·33		·0		·0	·19		·0		·0	31
Total	4·87	8·30	2·59	1·62	2·85	2·09	4·53	4·17	14·96	5·32	3·50	11·87	YEAR'S TOTAL 66·67
Rain Days.	19	20	11	10	15	15	17	18	29	22	14	26	216

W, 6,500, VII. 18. W W C

2678

13 MAR 20

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Spring Mill Reservoir
in the County of Lancaster
by Rochdale Corporation Waterworks Dept

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Broadley L & Y R. Co
Diameter of Funnel of Rain Gauge 5" in.
Height of top of Gauge above Ground 1 ft 7 in.
" " " " Sea Level 720 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·89	·0	·05	·0	·81	·0	·27	·11	·56	·74	·04	·15	1
2	·22	·0	·43	·0	·10	·0	·32	·13	·10	·07	·06	·40	2
3	·31	·0	·0	·0	·16	·09	·17	·0	·05	·0	·18	·31	3
4	·20	·0	·22	·0	·07	·02	·08	·27	·04	·0	·0	·20	4
5	·15	·03	·0	·05	·03	·0	·0	·0	·0	·0	·02	·74	5
6	·04	·0	·77	·0	·51	·0	·0	·0	·0	·0	·0	·14	6
7	·07	·0	·57	·02	·02	·0	·0	·0	·08	·0	·16	·0	7
8	·14	·0	·07	·05	·0	·08	·0	·0	·0	·0	·04	·0	8
9	·54	·0	·12	·04	·0	·02	·0	·0	·0	·0	·03	·0	9
10	·0	·0	1·25	·26	·0	·0	·0	·0	·0	·0	·0	·40	10
11	·03	·0	·65	·14	·18	·0	·17	·0	·0	·06	·0	·0	11
12	·0	·0	·22	·20	·03	·15	·12	·0	·0	·17	·23	·0	12
13	·64	·0	·0	·21	·0	·04	·07	·04	·0	·39	·0	·05	13
14	·58	·0	·0	·38	·0	·0	·0	·03	·0	·0	·02	·0	14
15	·40	·03	·05	·06	·0	·0	·0	·02	·0	·0	·0	·54	15
16	·25	·11	·0	·08	·0	·04	·0	·0	·0	·0	·25	·06	16
17	·15	·05	·0	·15	·10	·33	·0	·90	·0	·0	1·25	·11	17
18	·0	·0	·40	·0	·0	·0	·0	·41	·24	·0	·06	·71	18
19	·16	·20	·71	·0	·0	·27	·45	·12	·14	·0	·44	·12	19
20	·56	·11	·0	·0	·0	·32	·14	·17	·02	·0	·14	1·20	20
21	·07	·44	·0	·0	·0	·02	·24	·0	·15	·0	·10	·33	21
22	·0	·04	·0	·0	·0	·14	·0	·18	·44	·0	·17	1·10	22
23	·0	·0	·0	·0	·0	·21	·0	·03	·0	·73	·12	·48	23
24	·0	·0	·0	·11	·14	·02	·0	·02	·70	·16	·39	·70	24
25	·30	·02	·0	·28	·06	·11	·0	·91	·04	·0	·57	·0	25
26	·23	·0	·84	·14	·0	·07	·0	·98	·31	·0	·11	·96	26
27	·27	·0	·03	·18	·0	·04	·0	·06	·0	·0	·04	·17	27
28	·0	·0	·0	·07	·0	·06	·0	·30	·0	·07	·0	·60	28
29	·07		·0	·02	·0	·05	·0	·07	·0	·39	·0	·15	29
30	·0		·07	·22	·0	·11	·0	·0	·0	·10	·36	·32	30
31	·0		·05		·0		·49	·02		·0		·09	31
TOTAL	6·27	1·03	6·50	2·66	2·21	2·19	2·52	4·77	2·87	2·88	4·78	10·03	YEAR'S TOTAL 48·71
Days with ·01 in. or more	22	9	17	19	12	20	11	19	13	10	22	24	198

(44,283). Wt.21,958—218. 7500. 10/19. **Gp.132.** A.&E.W.

2584

7 FEB 1921

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Spring Mill Reservoir
in the County of Lancaster
by The Rochdale Corporation Waterworks Dep

Lat. 53° 36' N. Long. 2° 15' W
Time of Observation 9 A.M.
Nearest Railway Station Broadley. L. & Y.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 7 in.
" " " " Sea Level 720 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following: —

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·0	·0	·10	·08	·57	·02	1·05	·10	·08	·05	·03	·17	1
2	·0	·0	·03	·19	·0	·0	·43	·10	·47	·09	·0	·52	2
3	·0	·04	·08	·04	·10	·05	·86	·15	·32	·11	·0	·32	3
4	·02	·0	·0	·12	·02	·0	·16	1·80	·05	·56	·0	·04	4
5	·0	·0	·11	·0	·95	·0	·25	·37	·36	·43	·0	·03	5
6	·0	·0	·63	·33	·28	·0	·05	·02	·0	·0	·08	·06	6
7	·52	·08	Snow ·08	·12	·06	·0	·21	·0	·0	·0	·03	·0	7
8	·25	·10	·0	·24	·20	·0	·05	·12	·0	·0	·0	·0	8
9	·56	1·48	·07	·35	·0	·0	·26	·12	·03	·0	·12	·0	9
10	·91	1·55	·21	·13	·0	·0	·77	·0	·0	·0	·0	·02	10
11	·47	·12	·0	·03	·34	·26	·02	·0	·0	·0	·0	·0	11
12	·34	·31	·23	·26	·14	·05	·20	·02	·03	·0	·31	Snow ·05	12
13	·24	·11	·27	·37	·04	·55	·10	·0	·0	·0	·23	Snow ·03	13
14	·09	·24	·08	·41	·0	·50	·14	·0	·76	·03	·94	·02	14
15	·0	·33	·05	·65	·0	·0	·04	·0	·02	·34	·08	·0	15
16	·0	·0	·32	·13	·10	·10	·90	·0	·22	·0	·19	·0	16
17	·16	·0	·03	·0	·26	·0	·04	·45	·46	·05	·0	·0	17
18	·15	·0	·0	·28	·72	·0	·02	·0	·28	·0	·0	·0	18
19	·12	·83	·0	·15	·64	·18	·07	·10	·0	·0	·0	·0	19
20	·25	·0	·0	·26	·0	·13	·28	·0	·02	·0	·0	·14	20
21	·07	·0	·0	·03	·0	·0	·66	·06	·0	·0	·0	·37	21
22	·21	·0	·0	·65	·0	·03	·80	·03	·0	·0	·0	·10	22
23	·0	·0	·04	·08	·0	·0	·86	·0	·0	·0	·0	·47	23
24	·07	·0	·81	·17	·0	·0	·04	·0	·0	·0	·0	·46	24
25	·0	·08	·16	·15	·0	·02	·98	·0	·0	·0	·0	·0	25
26	·10	·19	·55	·48	·41	·0	·13	·0	·0	·0	·08	·05	26
27	·08	·05	·03	·18	·37	·65	·05	·0	·0	·0	·24	·08	27
28	Snow ·42	·07	·36	·45	·09	·16	·15	·0	·0	·0	·06	·47	28
29	·14	·0	·50	·22	1·40	·03	·51	·0	·0	·0	·33	·72	29
30	·54		·05	·16	·22	·18	·0	·0	·29	·0	·12	·49	30
31	·32		·0		·20		·02	·0		·07		·20	31
													YEAR'S TOTAL
TOTAL	6·03	5·58	4·79	6·71	7·11	2·91	10·10	3·44	3·39	1·73	2·84	4·81	59·44
Days with ·01 in. or more	22	15	22	28	20	15	30	13	14	9	14	21	223
Days with ·04 in. or more	21	15	19	26	18	11	27	10	10	8	12	17	194

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

5 made ✓

RE

FORM A2.
BRITISH RAINFALL.
10 MAY 1912

RUFFORD

LANCASHIRE

1911, 1914, 18, 19.

Kept at Ruff

in the County of Lan

by J Gorrie

owden

5 in.

Ground 1 ft. — in.

Sea Level 41 ft.

a.m.

Name Rufford

Distance 666 yards Direction SE

IMPORTANT NOTE.—Rain should be measured d the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			·12		·12			·15			·44	·05	1
2			·05		·12			·03		·06	·02	·12	2
3			·03		·62		·03				·28	}·09	3
4			·04	·02				·64			·39		4
5	·35		·07					·94			·15	·07	5
6	·08		·02					·42			·45	·05	6
7											·11		7
8	·07		·22								·03	·76	8
9												}·53	9
10	·19	·08	·13						·45				10
11	·04	—									}·73	·21	11
12			·16						1·33				12
13		·05									·09	·32	13
14	·02	·56			·01						·03	·24	14
15		·26		·06							·21	·13	15
16		·14	·01			·10					·15	·10	16
17					·16	·47					·05	·10	17
18		·18		·17		·09		·05			}·15		18
19		·05		·11		·22	·07		·62	·12		·27	19
20		·20		·50				·31	·15	·04		·40	20
21		·53		·02				·03		·13		}·18	21
22	·03									·49			22
23	·07	·26		·01	·06	·21			·22	·17		·27	23
24	·06	·09		·21		·85		·07		·24		}·68	24
25		·12		·35		·19	·03		·58	·22			25
26		·02		·29			·01	}·67		·24	·09		26
27		·21		·26					·67			·19	27
28		·19		·26		·23			·11			·29	28
29				·60		·29	·04		·18	·53		·13	29
30						·04	·12			·35	·05		30
31			·18		·05		·05			·05			31
Total	·85	2·94	1·03	2·86	1·14	2·69	0·35	3·31	4·31	2·64	3·42	5·18	TOTAL for year
No. of Rain Days.	9	15	11	13	7	10	7	11	9	12	19	26	30·72 ✓ 149

W. 8,000, X. '11.

5 made

RE

FORM A2.
BRITISH RAINFALL.

10 MAY 1912

Kept at Rufford

in the County of Lancaster C2

by J. Gorrie Heggie

RAIN GAUGE	Pattern	Snowdon
	Diameter of top	5 in.
	Height of top above Ground	1 ft. — in.
	„ „ „ Sea Level	41 ft.
Time of Observation		9 a.m.
Nearest Railway Station	Name	Rufford
	Distance	666 yards
	Direction	SE

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			·12		·12			·15			·44	·05	1
2			·05		·12			·03		·06	·02	·12	2
3			·03		·62		·03				·28	}·09	3
4			·04	·02				·64			·39		4
5	·35		·07					·94			·15	·07	5
6	·08		·02					·42			·45	·05	6
7											·11		7
8	·07		·22								·03	·76	8
9												}·53	9
10	·19	·08	·13						·45				10
11	·04										}·73	·21	11
12			·16						1·33				12
13		·05									·09	·32	13
14	·02	·56			·01						·03	·24	14
15		·26		·06							·21	·13	15
16		·14	·01			·10					·15	·10	16
17					·16	·47					·05	·10	17
18		·18		·17		·09		·05			}·15		18
19		·05		·11		·22	·07		·62	·12		·27	19
20		·20		·50				·31	·15	·04		·40	20
21		·53		·02				·03		·13		}·18	21
22	·03									·49			22
23	·01	·26		·01	·06	·21			·22	·17		·27	23
24	·06	·09		·21		·85		·07		·24		}·68	24
25		·12		·35		·19	·03		·58	·22			25
26		·02		·29			·01	}·67		·24	·09		26
27		·21		·26					·67			·19	27
28		·19		·26		·23			·11			·29	28
29				·60		·29	·04		·18	·53		·13	29
30						·04	·12			·35	·05		30
31			·18		·05		·05			·05			31
Total	·85	2·94	1·03	2·86	1·14	2·69	0·35	3·31	4·31	2·64	3·42	5·18	TOTAL for year
No. of Rain Days.	9	15	11	13	7	10	7	11	9	12	19	21	30·72 14·9

W. 8,000, X. '11.

CX 9118

FORM A.
BRITISH RAINFALL.

28 APR 1915

REGISTER OF RAINFALL IN 1914

Kept at Rufford
in the County of Lancaster C. 2
by J Gorrie Heggie

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Rufford.
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 41 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			·43			·05	·80	} ·70			} ·32	·23	1
2					·02		} ·58					·48	2
3					·40							} 1·34	3
4	·18		} ·59	} ·50	·06						·40		4
5					·09		·10						5
6			·04	·10	·20			·18			·41	·19	6
7	} ·77			·05	} ·34	·10						·24	7
8			·27			·15	·14		} ·49				8
9	·39	·17				·35					·09		9
10		·08	} ·40			·08			} ·52		·14		10
11		·10					·71				·47	·26	11
12		·34	·15		·08						} ·74		12
13		·18	·09		·04					·58		·13	13
14		·11	} ·46						} ·75		} ·40	·24	14
15													15
16			·01				} 1·70		1·14				16
17		·39	·22						} ·76			·74	17
18		·02	·07									·10	18
19			·04						·12			·31	19
20		·17	·04										20
21		} ·32				·30						·06	21
22					·23	·16							22
23			·07		·07		} ·75						23
24				·22									24
25	·15		} ·43				} ·15	1·22		·78		·49	25
26	·01									·35	·55		26
27										·64	·50	·80	27
28										·17	·21	·08	28
29			} ·38		·21								29
30		X									·21		30
31	·36	X	·16	X		X	·51		X		X		31
Total	1·86	1·88	3·85	·87	1·74	1·19	5·44	2·10	3·78	2·52	4·44	5·69	YEAR'S TOTAL 35·36
Rain Days.	7	11	22	5	12	7	13	4	10	5	15	16	127

W. 8,000. X. 14.

9 WD ~~10~~ 970 Ca for auth. 59

REGISTER OF RAINFALL IN 1918

FORM A. BRITISH RAINFALL.

17 6 19

Kept at Rufford Park

in the County of Lancashire

by Rufford Estate Office

Lat. Long.

Time of Observation 9 a.m.

Nearest Railway Station Rufford

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level 41 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·	·18	·02	·	·	·	·	·	·13	·02	·	·25	1
2	·	·14	·	·	·	·	·	·	·48	·15	·38	·20	2
3	·	·04	·	·	·	·	·	·	·16	·05	·01	·68	3
4	·	·03	·	·	·45	·	·	·	·	·25	·20	·01	4
5	·04	·05	·	·	·07	·	·	·05	·31	·23	·	·15	5
6	·	·54	·	·	·25	·	·	·70	·08	·42	·17	·	6
7	·11	·08	·	·	·	·40	·01	·03	·	·19	·	·	7
8	·03	·02	·	·	·02	·06	·	·03	·20	·15	·13	·07	8
9	·29	·37	·	·	·	·	·18	·	1·07	·18	·04	·	9
10	·05	·29	·	·	·	·48	·12	·02	·64	·48	·02	·07	10
11	·08	·18	·	·	·	·	·01	·	·67	·17	·44	·08	11
12	·16	·25	·	·	·20	·	·29	·02	·32	·	·	·23	12
13	·06	·01	·	·04	·01	·	·12	·	·08	·06	·	·08	13
14		·	·	·04	·16	·	·	·	·12	·20	·	·	14
15		·	·	·	·01	02	·20	·	35	·20	·	·33	15
16		·	·01	·	·01	·02	·29	·	1·28	·02	·	·55	16
17		·	·	·	·	·03	·38	·09	·33	·01	·	·16	17
18		·	·01	·	·	·	·20	·04	·08	·20	·	·27	18
19		·01	·05	·	·	·10	·	·	·23	·	·	·45	19
20		·05	·	·	·	·	·	·09	·17	·07	·	·60	20
21		·72	·	·	·07	·16	·	·	·48	·	·	·	21
22	1·72	·11	·	·	·47	·13	·	·	·53	·	·	·29	22
23	·05	·	·	·	1·03	·12	·	·	·12	·	·	56	23
24	·03	·	·	·	·	·01	·	·	·22	·	·02	·19	24
25	·	·11	·	·	·	·	·	·75	·13	·	·10	·12	25
26	·	·	·	·	·	·03	·21	·52	·03	·	·02	-	26
27	·	·	·	·	·	·	·29	·04	·66	·	·21	·15	27
28	·	·11	·	·	·	·09	·	·76	·25	·	·17	·58	28
29	·	×	·	·	·	·	·	·04	·19	·	·37	·80	29
30	·	×	·	·	·	·	·	·	·02	·	·01	·18	30
31	·	×	·	×	·	×	·	·12	×	·	×	·15	37·33 31
Total	2·62	~~3·29~~	·09?	·08?	2·75	1·65	2·30	2·70	9·33	3·05	2·29	~~7·20~~	YEAR'S TOTAL 37·36?
Rain Days.	17	19	4	2	12	13	12	15	28	18	15	25	180

W. 8,000, IX. 17.

7·00

2774

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Rufford Park
in the County of Lancashire
by Rufford Estate Office

Lat. Long.
Time of Observation 9 am.
Nearest Railway Station Rufford
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level 41 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·04			·02	·18	·53		·24					1
2	·30				·31		·14	·02					2
3	·13				·03		·22	·		·08			3
4	·12				·08	·27	·19						4
5	·60					·07	·12	·35	·01				5
6	··			·07	·18		·08		·02				6
7	·25		·35		·10		·		·09	·01			7
8	·02		·23	·09									8
9	·18		·02	·02						·50			9
10	·55		·05			·10							10
11	·03		·35	·10									11
12	·02		·95	·09	·07		·18			·13		·04	12
13	·		·34	·02		·26				·06			13
14	35			·12		·05		·03		·55			14
15	·30	·76		·19			·02			·20		·21	15
16	·38			·20						·14		·29	16
17	·04		·02			·04					·29	·03	17
18	·01			·10		·10		68			·60		18
19	·		·41				·10	·22			·	·20	19
20	·02		·14			·40	·03	·19	·20		·14	·24	20
21	·25	·25	·05			·22	·19	·04	·09		·23	·30	21
22	·	·09					·01	·	·07		·07	·46	22
23	·					·11		04	35		·01	65	23
24	·					15		·05			·01	·05	24
25	·25			·02	·53			·01	·16		·15	·31	25
26	·21			·08		·03		·48			·22		26
27	·		·46	·26		·12		·54	·23			·42	27
28	·38			·08				·06					28
29	·							·01				·34	29
30	·03	╳	·06	·04		·03		·02				·25	30
31	·	╳	·07	╳		╳		·09	╳		╳	·29	31
TOTAL	4·43	1·10	3·50	1·50	1·48	2·48	1·28	3·07	1·22	1·67	1·72	4·08	YEAR'S TOTAL 27·53
Days with ·01 in. or more	22	3	14	16	8	15	11	17	9	8	9	15	147

(44,283). Wt.21,958—218. 7,500. 10/19. **Gp.132.** A.&E.W.

FORM A.
BRITISH RAINFALL.

31 MAY 1913

REGIS

ST ANNES ON SEA
"WHITEHALL"
LANCASHIRE
1912 - 1917

Kept at "Whitehall" S 10 a.m.
in the County of Lanc annes
8 in.
by Montague B Ground 1 ft. 8 in.
Sea Level ft.

IMPORTANT NOTE he result entered to the previous day. If an Observer prefers not to conform rsal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
X

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.02	—	.32	—	—	.13	.01	.21	.42	—	—	.40	1
2	.06	—	.67	.01	.05	.15	.09	—	.08	—	—	.12	2
3	.23	—	—	—	—	.10	—	.35	.31	—	.01	.09	3
4	.45	—	.75	.06	.05	.43	—	.40	.14	—	.61	.01	4
5	.08	—	—	—	.25	.14	—	.01	.08	.03	.01	.01	5
6	.43	.19	—	—	.03	—	—	.05	—	.01	.01	.01	6
7	—	.15	—	.03	.17	.17	.09	.26	.07	—	—	.06	7
8	.54	.20	.10	.02	—	.07	—	.06	.10	—	.02	—	8
9	.02	.06	.19	.32	—	.17	—	—	—	—	.11	.12	9
10	.04	.01	—	—	.02	.42	.07	.06	—	—	.33	.01	10
11	.03	.01	.01	—	.14	—	.10	—	—	.01	—	.40	11
12	.10	.17	.62	—	—	.05	.04	—	—	.01	—	.01	12
13	.11	.03	—	—	—	—	—	.03	.01	.26	—	.11	13
14	.19	—	.28	—	—	.14	—	.10	—	.01	—	.18	14
15	.20	.22	.03	.01	.06	.14	—	.03	—	—	.01	.06	15
16	.64	—	.11	—	.05	—	—	.03	—	.43	.04	.01	16
17	—	.31	.31	—	.01	.97	—	.71	—	—	.19	.38	17
18	.13	.02	—	—	—	.05	—	.03	—	.32	.11	.22	18
19	.40	.02	.53	—	—	.04	—	.18	—	.28	.01	—	19
20	.05	—	.07	—	.42	.01	.05	.07	—	.26	.01	.04	20
21	.01	.01	.19	—	.01	.02	.03	.01	—	.46	—	.07	21
22	—	.20	—	—	.53	.02	.15	.55	—	—	.03	.01	22
23	—	.01	.22	—	—	.14	.30	.71	—	.01	.18	.03	23
24	—	.02	.17	—	—	.17	.13	.10	—	.13	.07	.19	24
25	—	—	.13	—	—	.19	—	.02	—	.01	.29	.21	25
26	—	.11	.20	—	—	.02	.37	.15	—	1.56	.21	.12	26
27	—	.02	.21	—	—	.65	.55	—	—	.55	.03	.08	27
28	—	.08	.01	—	—	.15	.27	.32	—	.37	.14	.02	28
29	—	.03	.02	—	—	.01	.27	.03	.17	.14	—	.04	29
30	—		.25	—	.12	.02	.02	—	.03	.02	—	—	30
31	—		.25		.35		2.12	.44		—		.42	31
Total	3.73	1.87	5.64	-.45	2.26	4.57	4.66	4.91	1.41	4.87	2.42	3.43	YEAR'S TOTAL 40.22
Rain Days.	19	20	23	6	15	26	17	25	10	19	20	28	228

W. 7,500, XI. ·12

REGISTER OF RAINFALL IN 1912

FORM A.
BRITISH RAINFALL.
31 MAY 1913

Kept at "Whitehall" St Annes on the Sea
in the County of Lancaster N 5
by Montague B Copland

Lat. Long.
Time of Observation 8.30 am.
Nearest Railway Station St Annes
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 8 in.
" " Almost, at Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
X

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	.02	—	.32	—	—	.13	.01	.21	.42	—	—	.40	1
2	.06	—	.67	.01	.05	.15	.09	—	.08	—	—	.12	2
3	.23	—	—	—	—	.10	—	.35	.31	—	.01	.09	3
4	.45	—	.75	.06	.05	.43	—	.40	.14	—	.61	.01	4
5	.08	—	—	—	.25	.14	—	.01	.08	.03	.01	.01	5
6	.43	.19	—	—	.03	—	—	.05	—	.01	.01	.01	6
7	—	.15	—	.03	.17	.17	.09	.26	.07	—	—	.06	7
8	.54	.20	.10	.02	—	.07	—	.06	.10	—	.02	—	8
9	.02	.06	.19	.32	—	.17	—	—	—	—	.11	.12	9
10	.04	.01	—	—	.02	.42	.07	.06	—	—	.33	.01	10
11	.03	.01	.01	—	.14	—	.10	—	—	.01	—	.40	11
12	.10	.17	.62	—	—	.05	.04	—	—	.01	—	.01	12
13	.11	.03	—	—	—	—	—	.03	.01	.26	—	.11	13
14	.19	—	.28	—	—	.14	—	.10	—	.01	—	.18	14
15	.20	.22	.03	.01	.06	.14	—	.03	—	—	.01	.06	15
16	.64	—	.11	—	.05	—	—	.03	—	.43	.04	.01	16
17	—	.31	.31	—	.01	.97	—	.71	—	—	.19	.38	17
18	.13	.02	—	—	—	.05	—	.03	—	.32	.11	.22	18
19	.40	.02	.53	—	—	.04	—	.18	—	.28	.01	—	19
20	.05	—	.07	—	.42	.01	.05	.07	—	.26	.01	.04	20
21	.01	.01	.19	—	.01	.02	.03	.01	—	.46	—	.07	21
22	—	.20	—	—	.53	.02	.15	.55	—	—	.03	.01	22
23	—	.01	.22	—	—	.14	.30	.71	—	.01	.18	.03	23
24	—	.02	.17	—	—	.17	.13	.10	—	.13	.07	.19	24
25	—	—	.13	—	—	.19	—	.02	—	.01	.29	.21	25
26	—	.11	.20	—	—	.02	.37	.15	—	1.56	.21	.12	26
27	—	.02	.21	—	—	.65	.55	—	—	.55	.03	.08	27
28	—	.08	.01	—	—	.15	.27	.32	—	.37	.14	.02	28
29	—	.03	.02	—	—	.01	.27	.03	.17	.14	—	.04	29
30	—		.25	—	.12	.02	.02	—	.03	.02	—	—	30
31	—		.25		.35		2.12	.44		—		.42	31
Total	3.73	1.87	5.64	–.45	2.26	4.57	4.66	4.91	1.41	4.87	2.42	3.43	YEAR'S TOTAL 40.22
Rain Days.	19	20	23	6	15	26	17	25	10	19	20	28	228

W. 7,500, XI. 12

REGISTER OF RAINFALL IN 1913

FORM A.
BRITISH RAINFALL.
16 JAN 1914

Kept at "Whitehall" St Annes on the Sea

in the County of Lancashire E&RL 113

by Montague B. Copland

Lat. Long.

Time of Observation 8.30 am.

Nearest Railway Station St Annes

Diameter of Rain Gauge 8" in.

Height of top of Gauge above Ground 1 ft. 8 in.

" " " " Sea Level about 20 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
☒

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	.03	.08	.01	—	—	—	—	—	—	.09	.01	1
2	.02	.18	.22	.02	—	.13	—	—	—	—	.16	.16	2
3	.02	—	.20	—	.77	—	—	—	—	.04	.03	.59	3
4	.23	.09	.09	—	.08	—	.05	—	—	—	.13	.41	4
5	.32	.05	.02	—	.04	.34	.12	—	—	.12	.03	.05	5
6	.04	.31	.27	—	.35	.20	.49	—	—	.02	.22	.11	6
7	.01	.32	—	—	.15	.36	—	—	—	.29	.10	.06	7
8	—	.21	.06	—	.06	.03	—	.16	.01	.04	.08	.03	8
9	—	.18	.15	.06	.23	.50	.11	.09	—	—	.11	.31	9
10	.01	.01	.21	.05	—	—	.03	—	.04	.05	.10	—	10
11	.28	~~.01~~	.03	.29	.03	.03	.15	.01	—	.10	.45	.04	11
12	.30	.01	—	—	.03	.01	.04	—	.52	—	.14	—	12
13	—	—	.29	—	—	—	.02	.03	.11	.11	.34	—	13
14	.24	—	.14	.07	—	—	.01	.03	.05	.47	.18	.01	14
15	—	—	.22	.83	—	—	—	—	.04	—	.30	.04	15
16	—	—	.09	.09	—	—	.01	—	—	—	.13	—	16
17	.01	—	.22	.26	.11	.01	.06	—	.03	—	.18	—	17
18	.07	—	.30	.05	.01	.04	.19	—	.01	—	.27	—	18
19	.11	—	.04	.13	.08	.11	—	—	.01	.21	.08	—	19
20	.10	—	.10	.07	—	.03	.02	—	.05	.32	1.11	—	20
21	—	—	.05	—	.09	—	.09	.14	—	.02	.11	—	21
22	.43	—	.44	—	.03	.09	—	.69	.16	—	—	—	22
23	.65	—	.04	—	.27	.27	—	.04	.13	.02	.11	.03	23
24	.34	.11	—	.14	—	—	—	—	—	—	.08	.03	24
25	—	—	—	.11	—	—	—	—	.51	.12	.02	.12	25
26	—	.02	—	.59	—	—	—	—	1.46	.01	—	.45	26
27	—	—	—	.35	—	—	—	—	—	.18	.08	.07	27
28	.33	—	.06	.20	.08	—	—	—	—	.21	.02	—	28
29	—		.14	.37	.07	—	—	.11	—	.26	.08	—	29
30	.49		—	—	.06	—	—	—	—	.05	.03	—	30
31	.07		.10				—	—	—	—		—	31
Total	4.07	1.52	3.56	3.69	2.54	2.15	1.39	1.30	3.13	2.64	4.76	2.52	YEAR'S TOTAL 33.27
Rain Days.	20	12	24	18	18	14	14	9	14	19	28	17	207

W. 7,500, XI. 12

Ex DL

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
7 - JAN 1915

Kept at "Whitehall" St Annes on the Sea

in the County of Lancashire N 5

by Montague B. Copland

Lat. .... Long. ....

Time of Observation 8.30 a.m.

Nearest Railway Station St Annes

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 8 in.

" " " " Sea Level about 20 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
×

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—	.01	.07	—	—	.11	.76	.27	—	—	—	.35	1
2	.02	.04	—	—	.06	—	.37	.13	—	.01	.20	.20	2
3	.08	—	.03	—	.34	—	.02	.02	—	—	—	.77	3
4	.07	—	.09	.40	.12	.02	.08	.01	—	—	.12	.22	4
5	.03	—	.41	.06	.07	.01	.06	—	—	.01	.24	.04	5
6	—	—	.10	.05	.22	—	—	.03	—	—	.07	.09	6
7	.02	—	.17	.07	.17	.06	.09	.12	—	—	.04	.09	7
8	.62	.01	.03	.01	.14	.08	.05	.52	.25	.06	—	.04	8
9	.36	.17	.16	.16	.11	.29	—	.04	.13	—	.08	—	9
10	.03	.11	.08	—	.02	.12	—	—	.15	—	.18	—	10
11	—	.13	.29	—	—	.01	.16	—	.04	—	.41	.23	11
12	—	.30	.11	—	.01	—	.48	—	.35	—	.24	.02	12
13	—	.36	.23	.05	.02	—	.01	—	.14	.12	.49	.13	13
14	—	.12	.04	—	—	—	—	—	.06	.03	.22	.22	14
15	—	—	.31	—	—	—	—	—	.01	—	.36	—	15
16	—	.03	—	—	—	—	1.51	—	1.35	—	—	—	16
17	—	.31	.25	—	—	—	.65	—	.30	—	—	.95	17
18	—	.06	.15	—	—	—	.05	—	.09	—	—	.10	18
19	—	.01	.02	—	—	—	.37	—	.09	.01	.01	.28	19
20	—	.28	.08	—	.02	.49	—	—	—	—	—	.01	20
21	—	.07	—	—	—	.08	—	—	—	.06	—	.03	21
22	—	.35	—	.03	.27	.11	—	.17	—	.01	—	—	22
23	—	.03	.09	.03	.45	—	.35	—	—	.01	—	—	23
24	.06	—	.38	.06	—	—	.28	.03	—	—	.34	—	24
25	.05	.01	—	—	—	—	.17	.35	—	.71	.08	.65	25
26	.02	—	.01	—	—	—	.11	—	—	.35	.23	.29	26
27	.09	—	—	.01	—	—	—	—	—	.30	.37	.49	27
28	.04	.10	.28	.01	.07	.01	—	.01	—	.07	.19	.08	28
29	.11	×	.08	—	.11	.02	—	—	—	—	.08	.02	29
30	—	×	.11	—	—	—	—	.03	—	—	.19	.11	30
31	.28	×	.02	×	—	×	.53	—	×	.12	×	—	31
Total	1.88	2.50	3.59	.94	2.20	1.41	6.10	1.73	2.96	1.87	4.14	5.41	YEAR'S TOTAL 34.73
Rain Days.	15	19	25	12	16	13	19	13	12	14	20	23	201

3217

REGISTER OF RAINFALL IN 1915

FORM A.
BRITISH RAINFALL.
4. JAN 1916

Kept at St Annes on the Sea
in the County of Lancashire N
by M. B. Copland

Lat. Long.
Time of Observation 8.30 A.M.
Nearest Railway Station St Annes on Sea
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 8 in.
" " " " Sea Level 20 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.35	.42	.02	—	.32	—	.31	.08	.01	.01	—	.05	1
2	.01	.57	.41	.36	—	.08	.29	.22	—	—	—	.01	2
3	.23	.09	.18	.58	—	—	.40	—	.04	—	—	.32	3
4	.01	.24	.02	—	.14	.18	—	—	—	—	—	.69	4
5	.17	.13	.13	—	.04	.01	—	.01	—	—	—	1.13	5
6	.16	.03	.01	.25	.01	—	.55	.05	—	—	—	.17	6
7	.84	.36	—	.15	—	—	.46	.53	—	—	—	.09	7
8	.17	.03	—	.07	—	—	—	.19	—	—	.55	—	8
9	—	.08	—	.04	—	—	.02	.02	—	—	.13	.53	9
10	.63	—	.18	.10	—	—	—	.35	—	—	.01	.28	10
11	.14	—	—	—	.35	—	—	—	—	—	.13	.12	11
12	.37	.02	—	.05	.02	—	—	.01	—	.35	.38	.14	12
13	.04	—	—	.01	—	—	—	.59	—	.06	.03	.09	13
14	.07	—	—	.04	.01	—	.01	.48	.04	.11	.22	.08	14
15	.47	—	—	—	—	—	—	.01	—	—	.13 } *	.46	15
16	—	.62	—	.03	.22	—	.41	.78	—	.01	.24 }	.02	16
17	—	.18	.03	—	.02	—	—	—	—	—	—	.09	17
18	—	.31	.02	—	—	—	—	—	—	—	—	—	18
19	—	.09	.12	.05	.12	—	.17	—	—	—	—	—	19
20	.15	—	—	.01	.02	—	—	.11	—	—	—	.25	20
21	.19	.10	—	.22	—	—	.46	—	—	—	—	.25	21
22	—	.02	.02	—	—	.17	—	—	—	—	.01	.14	22
23	—	.04	.09	.01	—	.02	.01	—	.09	.65	—	.25	23
24	—	—	.17	.03	—	—	—	—	.21	.10	—	.45	24
25	—	—	—	—	—	.48	—	—	.01	—	—	.19	25
26	—	.41	—	—	—	.30	.09	—	.02	—	—	.37	26
27	—	.19	—	—	—	—	.92	—	—	.37	—	.14	27
28	—	.10	—	—	.03	.28	—	.55	—	.23	—	.07	28
29	—	×	—	—	.03	—	—	—	—	—	.13	.03	29
30	.20	×	.01	.27	—	—	—	.03	—	.01	.05	[illegible]	30
31	.08	×	.01	×		×	.03	.38	×	.01	×	.35	31
Total	4.28	4.03	1.42	2.27	1.33	1.52	4.13	4.39	.42	1.91	2.01	6.73	YEAR'S TOTAL 34.44
Rain Days.	18	20	15	17	13	8	14	17	7	11	12	27	179

W. 8,000. X. 14.

* melted snow.

13. I. 17

WHITEHALL,
S^T ANNES-ON-THE-SEA.

Dear Sir/ I enclose the rainfall returns for 1916. You will notice that the rainfall in November from 4th to 10th inclusive is grouped as .91".
The reason for this is I had to be absent from home on those days, my gardener, who has for several years regularly taken the observations, was called up to join the army, but I arranged for it to be noted on each of the days in question that rain actually did fall on all of them & I believe I am right in saying that the day of heaviest fall was

on 3rd (.40"). With this exception daily observations have been taken, & I have reason for saying they may be relied on as correct.

Accompanying the returns please find cheque value £1.1.0 being my subscription for current year in return for which perhaps you will kindly let me have the monthly Magazine & the annual "British Rainfall" as before. Remain

Yours faithfully
Montague B Copland.

Ex E 7 5

3147

REGISTER OF RAINFALL IN 1916

FORM A.
BRITISH RAINFALL.
16. JAN 1917

Kept at "Whitehall" St Annes on Sea
in the County of Lancashire
by M. B. Copland.

Lat. Long.
Time of Observation 8.30 a.m.
Nearest Railway Station St Annes
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 8 in.
" " " " Sea Level 20 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.05	.08	.16	—	.06	.10	.05	—	—	—	.12	—	1
2	.16	.30	.08	—	—	—	—	—	.44	.30	.03	.03	2
3	—	.01	—	.06	—	.04	—	—	.48	.23	.40	.01	3
4	.06	.06	—	—	.70	.51	.02	—	.02	.20	✓	—	4
5	.13	.25	—	—	.18	.09	.01	—	—	.74	✓	—	5
6	.20	.20	—	—	.30	.04	.12	—	.01	.01	✓	.06	6
7	—	.04	—	—	.01	.01	.26	—	—	.09	.01	.38	7
8	.04	.08	—	—	—	.03	—	—	—	.07	✓	.02	8
9	.07	.03	—	—	.27	.01	—	—	.05	—	✓	.05	9
10	—	.38	—	.17	.01	.04	.02	—	—	.08	✓	—	10
11	.09	.23	—	.86	.01	—	.02	—	.10	.02	.01	.16	11
12	.04	.10	.06	.02	.48	—	.24	.04	—	.07	.02	—	12
13	.01	.05	.18	.05	.01	—	—	.19	—	.79	—	.04	13
14	—	.16	—	.11	.28	—	—	.39	.01	.05	—	—	14
15	—	.29	.26	.09	—	—	.09	.44	.10	.11	—	—	15
16	.01	.08	—	.44	—	—	.06	.55	—	.10	—	—	16
17	.15	.14	—	.21	—	—	.03	.15	.69	.11	—	—	17
18	.02	.12	—	.05	—	—	—	.27	.43	.15	.34	.11	18
19	.10	—	.10	.14	—	—	—	.17	.04	—	.35	—	19
20	.18	—	.73	.14	—	—	—	—	—	.13	.15	.04	20
21	.04	—	.05	—	.09	—	—	—	—	—	.07	.01	21
22	—	—	—	—	.01	.19	—	—	—	—	.01	.04	22
23	—	—	.12	.04	—	.21	—	.05	—	.07	.35	.24	23
24	—	—	—	—	.05	—	—	.21	—	.09	—	.03	24
25	.01	.01	.06	—	.06	.05	—	.10	.21	.08	.29	.03	25
26	.06	—	.08	—	—	—	—	.02	—	.07	.02	—	26
27	—	.02	—	—	.05	.05	—	—	.09	.16	—	.04	27
28	—	.10	—	—	—	—	—	—	—	.45	.03	.23	28
29	—	.14	—	—	—	.17	—	—	—	.18	.02	.74	29
30	.02	X	—	—	—	.03	.01	—	—	.65	—	.01	30
31	—	X	—	X	.09	X	.01	.20	X	.06	X	.11	31
Total	1.44	2.87	1.88	2.38	2.66	1.57	1.04	2.78	2.67	5.06	3.12	2.38	YEAR'S TOTAL 29.85
Rain Days.	19	22	11	13	17	15	13	13	13	26	22	20	204

W. 8,000. X. 15.

22

2997

FORM A.
BRITISH RAINFALL.

-7. JAN 1918

REGISTER OF RAINFALL IN 1917

Kept at "Whitehall", St Annes on the Sea

in the County of Lancashire

by M. B. Copland

Lat. Long.

Time of Observation 8.30 a m

Nearest Railway Station St Annes on Sea

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 8 in.

" " " " Sea Level about 20 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.01	—	—	—	—	.02	—	.02	.45	—	.23	.23	1
2	.11	—	.05	—	—	.02	—	.01	—	—	.02	.11	2
3	—	.23	—	—	—	.53	—	—	—	.24	.11	.06	3
4	.41	—	.02	—	—	—	—	—	—	.83	.01	.05	4
5	.02	—	.11	.22	—	—	—	.08	—	.22	.27	.02	5
6	.21	—	—	—	—	.16	—	—	—	.34	.31	.03	6
7	.43	—	.01	.01	—	.43	—	—	—	.29	.08	.04	7
8	.03	—	—	.19	—	.05	—	.59	.01	.71	.26	.18	8
9	.66	—	.07	.08	—	—	—	.10	—	.17	.23	—	9
10	.03	—	.72	.35	.09	—	—	.10	—	—	—	—	10
11	—	.06	—	—	.07	—	—	.28	.04	.66	.03	.02	11
12	.19	—	.04	—	.55	—	—	.01	.01	1.08	.01	.01	12
13	.07	—	—	.02	—	—	—	.08	.65	.01	.09	.29	13
14	—	—	—	.03	.16	—	—	.07	—	.14	.01	.18	14
15	—	—	—	.01	.01	—	—	.02	.45	.13	—	.32	15
16	.03	—	—	.24	—	—	—	.67	—	.01	—	.10	16
17	—	.06	.15	.46	.09	—	.04	1.58	.19	.04	—	—	17
18	.03	.01	.03	.04	.02	—	.56	.02	.35	.05	—	—	18
19	—	.41	.34	.02	.41	.05	—	—	—	—	.01	.02	19
20	.01	.17	—	—	.11	.41	—	.05	.05	—	.36	.01	20
21	—	.02	.12	—	.31	—	—	.02	—	.02	.02	—	21
22	.01	.19	—	—	—	—	—	.09	.05	.20	.02	.04	22
23	—	.01	—	—	.09	.52	—	.38	.03	.17	—	.02	23
24	—	.04	.02	—	—	.04	.16	.08	—	.38	.21	.01	24
25	—	.07	.05	—	—	—	—	.19	.16	.21	.14	—	25
26	—	—	—	—	—	.01	—	.85	.30	.22	.72	—	26
27	—	—	.22	—	.64	.05	.37	.47	—	.35	.01	—	27
28	—	.01	.12	—	—	—	.02	.14	—	.21	.02	—	28
29	—		.13	—	—	—	—	—	—	.54	.01	—	29
30	—	X	.17	—	—	—	—	.14	—	.05	.12	—	30
31		X	.38	X	.15	X	—	.30	X	—	X	—	31
Total	2.25	1.28	2.75	1.67	2.70	2.29	1.15	6.34	2.74	7.27	3.30	1.74	YEAR'S TOTAL 35.48
Rain Days.	15	12	18	12	13	12	5	25	13	25	24	19	193

W. 8,000, VIII. 16

/

R

St. MICHAELS-ON-WYRE VICCARAGE

1911 – 17, 19 – 1920

FORM A2.
BRITISH RAINFALL.
2 - JAN 1912

1

wdon.

Kept at Vicarage.

5 in.

ve Ground 1 ft. – in.

in the County of Lc

Sea Level 26 ft.

a.m

by Archdeac

Name Brock

Distance 4½ miles Direction E

IMPORTANT NO

d the result entered to the previous day. If an O

versal rule, he is earnestly requested to add the re

ear in the space provided for it at the end of th

ment of rain, the selection and plac

itish Rainfall Organization are given i

application to Dr. H. R. Mill, 62, Ca

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—	.09	—	.02	—	.06	.17	—	—	.53	.07	1
2	.01	—	.04		.24	—	—	—	—	.03	.01	.07	2
3	—	—	.19	—	.70	—	—	.05	—	—	.38	.06	3
4	—	—	.02	.02	—	—	—	.61	.13	—	.51	.16	4
5	.24	—	.06	—	—	—	—	1.32	—	—	.07	.13	5
6	.17	—	—	.01	—	—	—	.56	—	.01	.14	.21	6
7	.06	—	.04	.01	—	—	—	—	—	—	.33	.14	7
8	.04	—	.36	—	—	—	—	—	—	—	.14	.78	8
9	.10	—	—	—	—	—	—	—	—	—	—	.37	9
10	.41	.10	.13	—	—	—	—	—	.14	—	—	.41	10
11	.03	.01	—	—	—	—	—	—	.01	—	.20	.01	11
12	—	—	.14	—	—	—	—	—	1.60	—	.28	—	12
13	—	.14	—	—	.04	—	—	—	—	—	.11	.21	13
14	.04	.68	—	—	—	—	—	—	—	—	.15	.18	14
15	.01	.32	—	.01	—	—	—	—	—	—	.30	.11	15
16	—	.10	.02	.02	—	.14	.04	—	—	—	.40	.13	16
17	.01	—	.04	—	—	.66	—	—	—	—	.15	.16	17
18	—	.10	—	.07	—	.02	.04	—	—	—	.05	.13	18
19	—	.04	—	.09	—	—	.02	—	.33	.19	.02	.22	19
20	—	.19	—	.51	—	—	.18	.19	.30	.03	—	.57	20
21	.01	.86	—	.06	—	.19	.03	.15	—	.04	—	.12	21
22	.02	.03	—	.02	—	.02	—	—	—	.32	—	.01	22
23	.04	.29	—	—	.14	.14	—	.01	.13	.07	—	.29	23
24	.04	.13	—	.22	—	1.31	—	.05	.04	.33	—	—	24
25	—	.25	—	.23	—	.11	—	—	.58	.20	—	.24	25
26	—	.03	—	.21	—	.01	—	.19	—	.58	.06	.34	26
27	—	.48		.18	—	—	—	.61	.58	—	—	.22	27
28	—	.12	[	.31	—	.23	—	.01	.13	—	—	.35	28
29	—	—		.38	—	.12	.09	.01	.32	1.21	—	.16	29
30	—	—	—	.01	.11	.06	.03	—	—	.20	.02	—	30
31	—	—	.01	—	.01	—	.04	—	—	.07	—	.09	31
Total	1.23	3.87	1.14	2.36	1.26	3.01	0.53	3.93	4.29	3.28	3.85	5.64	TOTAL for year 34.69
No. of Rain Days	15	17	12	17	7	12	9	13	12	13	19	28	174

9,000, IX. '10.

REGISTER OF

FORM A2.
BRITISH RAINFALL.
2 - JAN 1912

Kept at Vicarage, St Michaels on Wyre

in the County of Lancaster N5

by Archdeacon Hornby.

Rain Gauge:
Pattern Snowdon.
Diameter of top 5 in.
Height of top above Ground 1 ft. – in.
" " " Sea Level 26 ft.

Time of Observation 9. a.m

Nearest Railway Station:
Name Brock
Distance 4½ miles Direction E

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	–	.09	–	.02	–	.06	.17	–	–	.53	.07	1
2	.01	–	.04	–	.24	–	–	–	–	.03	.01	.07	2
3	–	–	.19	–	.70	–	–	.05	–	–	.38	.06	3
4	–	–	.02	.02	–	–	–	.61	.13	–	.51	.16	4
5	.24	–	.06	–	–	–	–	1.32	–	–	.07	.13	5
6	.17	–	–	.01	–	–	–	.56	–	.01	.14	.21	6
7	.06	–	.04	.01	–	–	–	–	–	–	.33	.14	7
8	.04	–	.36	–	–	–	–	–	–	–	.14	.78	8
9	.10	–	–	–	–	–	–	–	–	–	–	.37	9
10	.41	.10	.13	–		–	–	–	.14	–	–	.41	10
11	.03	.01	–	–	–	–	–	–	.01	–	.20	.01	11
12	–	–	.14	–	–	–	–	–	1.60	–	.28	–	12
13	–	.14	–	–	.04	–	–	–	–	–	.11	.21	13
14	.04	.68	–	–	–	–	–	–	–	–	.15	.18	14
15	.01	.32	–	.01	–	–	–	–	–	–	.30	.11	15
16	–	.10	.02	.02	–	.14	.04	–	–	–	.40	.13	16
17	.01	–	.04	–	–	.66	–	–	–	–	.15	.16	17
18	–	.10	–	.07	–	.02	.04	–	–	–	.05	.13	18
19	–	.04	–	.09	–	–	.02	–	.33	.19	.02	.22	19
20	–	.19	–	.51	–	–	.18	.19	.30	.03	–	.57	20
21	.01	.86	–	.06	–	.19	.03	.15	–	.04	–	.12	21
22	.02	.03	–	.02	–	.02	–	–	–	.32	–	.01	22
23	.04	.29	–	–	.14	.14	–	.01	.13	.07	–	.29	23
24	.04	.13	–	.22	–	1.31	–	.05	.04	.33	–	–	24
25	–	.25	–	.23	–	.11	–	–	.58	.20	–	.24	25
26	–	.03	–	.21	–	.01	–	.19	–	.58	.06	.34	26
27	–	.48	–	.18	–	–	–	.61	.58	–	–	.22	27
28	–	.12	–	.31	–	.23	–	.01	.13	–	–	.35	28
29	–	–	–	.38	–	.12	.09	.01	.32	1.21	–	.16	29
30	–	–	–	.01	.11	.06	.03	–	–	.20	.02	–	30
31	–	–	.01	–	.01	–	.04	–	–	.07	–	.09	31
Total	1.23	3.87	1.14	2.36	1.26	3.01	0.53	3.93	4.29	3.28	3.85	5.94	TOTAL for year 34.69
No. of Rain Days	15	17	12	17	7	12	9	13	12	13	19	28	174

9,000, IX. '10.

Exe 87

REGISTER OF RAINFALL IN 1912

FORM A1.
BRITISH RAINFALL.
2 JAN 1913

Kept at Vicarage St Michaels on Wyre
in the County of Lancaster N5
by Archdeacon Hornby

RAIN GAUGE
Pattern Snowdon
Diameter of top 5 in.
Height of top above Ground 1 ft. 0 in.
„ „ „ Sea Level 26 ft.

Time of Observation 9. a.m

Nearest Railway Station
Name Brock
Distance 4½m Direction E

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.01	-	.23	-	.01	.12	-	.05	.23	-	.05	.61	1
2	.03	-	.48	.01	.06	.21	.08	-	.06	-	.02	.11	2
3	.19	-	.02	-	-	.33	-	.21	.52	-	.01	.16	3
4	.66	-	.61	.13	.03	.36	-	.53	-	-	1.01	.01	4
5	.10	-	.01	-	.24	.10	-	.03	.10	-	.01	-	5
6	.20	.23	-	-	.01	-	-	.22	-	-	.02	-	6
7	-	.14	-	.02	.30	.05	.12	.17	.13	-	.02	.01	7
8	.45	.23	.08	.02	-	.05	-	.08	.03	-	.04	-	8
9	.16	.03	.48	.20	-	.36	-	.03	-	-	.13	.15	9
10	.06	-	-	-	.01	.27	.03	.08	-	-	.39	.01	10
11	.04	-	-	-	.16	-	.07	.24	-	-	-	.45	11
12	.12	.07	.49	-	-	.13	.06	-	-	-	-	-	12
13	.05	-	-	-	-	-	-	.29	-	.26	-	.10	13
14	.20	-	.28	-	-	.43	-	.11	.01	-	-	.36	14
15	.26	.14	-	-	.19	.30	-	.08	-	-	-	.01	15
16	.59	-	.13	-	.07	-	-	.03	-	.25	.05	.02	16
17	.02	.28	.16	-	.01	1.13	-	.49	-	-	.24	.47	17
18	.02	.02	.02	-	-	.07	-	-	-	.50	.11	.11	18
19	-	.01	.80	-	-	.02	-	.20	-	.14	.21	-	19
20	.02	-	.06	-	.36	.03	.02	-	-	.39	-	.03	20
21	.01	.01	.17	-	.01	.01	-	.08	-	.46	-	.06	21
22	-	.15	-	-	.44	.02	.04	.57	-	-	.11	.07	22
23	-	-	.19	-	-	.25	.29	.63	-	.04	.30	.01	23
24	-	.03	.14	-	-	.16	.24	.07	-	.02	.04	.17	24
25	-	-	.09	-	-	.14	-	.02	-	-	.39	.09	25
26	-	.08	.18	-	-	.01	.52	.15	-	1.63	.18	.21	26
27	-	.05	.32	-	.01	.62	.43	.02	-	.42	.01	.11	27
28	-	.04	.01	-	.01	.14	.50	.32	-	.45	.20	.03	28
29	-	.03	-	-	-	.02	.45	.02	.44	.25	-	.10	29
30	.01		.15	-	.09	.01	.03	.01	-	.04	.03	.01	30
31	-		.16		.09		2.58	.48		-	-	.31	31
Total	3.20	1.54	5.26	0.38	2.10	5.34	5.46	5.21	1.52	4.85	3.57	3.72	TOTAL for year 42.15
No. of Rain Days	20	16	23	5	18	26	15	27	8	13	22	26	219

1,000, X. '09. Waterlow and Sons Limited, Printers, London Wall, E.C.; Edward Stanford, Publisher, 12, 13 & 14, Long Acre, W.C. Price 2d.

REGISTER OF RAINFALL IN 1913

FORM A2.
BRITISH RAINFALL.
2- JAN 1914

Kept at Vicarage. St Michaels on Wyre

in the County of Lancaster

N 5

by Archdeacon Hornby

RAIN GAUGE
Pattern Snowdon
Diameter of top 5 in.
Height of top above Ground 1 ft. - in.
" " " Sea Level 26 ft.

Time of Observation 9. a.m

Nearest Railway Station
Name Brock
Distance 4½ Direction E

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.22	.06	.13	.01	–	–	–	–	–	–	.08	–	1
2	.02	.23	.36	.14	–	.15	–	–	–	–	.22	.21	2
3	.03	.01	.28	–	.64	–	–	–	–	–	–	.38	3
4	.23	.07	.08	–	.02	.01	.01	–	–	–	.08	.49	4
5	.31	.04	–	–	.03	.03	.70	.01	–	.02	.03	–	5
6	.06	.33	.30	–	.42	.22	.68	–	–	.02	.05	.01	6
7	.01	.30	.04	–	.11	.39	–	–	–	.19	.07	.03	7
8	–	.19	.14	–	.03	.02	.01	.15	–	.17	.04	.04	8
9	–	.20	.14	.07	.08	.63	.02	.08	–	–	.10	.19	9
10	–	.05	.27	.23	.01	.01	.01	–	.03	.04	.17	–	10
11	.18	–	–	.24	–	.07	.04	–	–	.06	.26	.08	11
12	.04	–	–	–	–	–	.06	.04	.43	–	.10	–	12
13	.05	.01	.53	–	–	–	.07	.05	.20	.15	.30	–	13
14	.11	–	.13	.08	–	–	.01	.03	.09	.52	.07	–	14
15	–	–	.23	.84	–	–	–	–	.04		.14	.05	15
16	.01	–	.13	.02	–	–	.01	–	–		.16	–	16
17	.01	–	–	.27	.05	.02	.15	–	–		.24	–	17
18	.03	–	.39	.24	.13	.04	.08	–	–		.23	–	18
19	.08	–	–	.07	.17	.12	–	–	.01	.17	.14	–	19
20	.06	–	.09	.05	–	.01	–	–	–	.16	1.15	–	20
21	–	–	.05	–	.11	–	.26	.54	.03	.02	–	–	21
22	.43	–	.33	–	.06	.12	–	.62	.14		–	–	22
23	.62	–	.05	–	.26	.08	–	.04	.09		.17	.15	23
24	.36	.11	–	.17	–	.01	–	–	–		.13	.07	24
25	–	.01	–	.11	–	–	–	–	.62	.07	.03	.20	25
26	–	.04	–	.60	–	.02	–	–	1.28	.01	–	.47	26
27	–	.06	–	.31	–	.01	–	–	–	.23	.08	.15	27
28	.32	–	.08	.34	.06	–	–	–	–	.05	.01	–	28
29	–	–	.12	.54	.03	–	–	.08	–	.10	.14	–	29
30	.70	–	–	–	–	–	–	–	–	.07	.01	–	30
31	–	–	.05	–	–	–	–	–	–	–	–	–	31
Total	3.88	1.71	3.92	4.33	2.23	1.96	2.11	1.64	2.96	2.05	4.20	2.52	TOTAL for year 33.51
No. of Rain Days.	21	15	21	18	16	18	14	10	11	17	26	14	201

W. 8,000, X. '11.

c. Wg

REGISTER OF RAINFALL IN 1914

FORM A2.
BRITISH RAINFALL.
4 JAN 1915

Kept at Vicarage. St Michaels on Wyre

in the County of Lancaster N 5

by Archdeacon Hornby

RAIN GAUGE	Pattern	Snowdon
	Diameter of top	5 in.
	Height of top above Ground	1 ft. – in.
	,, ,, ,, Sea Level	26 ft.

Time of Observation 9. a.m

Nearest Railway Station: Name Brock; Distance 4½ Direction E

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	-	-	.03	-	-	.13	.34	.13	-	-	-	.18	1
2	.02	.05	.02	.03	.04	.01	.30	.24	-	.06	.13	.24	2
3	.12	-	.04	-	.42	-	.02	.02	-	-	-	.79	3
4	.12	-	.08	.41	.18	-	.05	-	-	-	.07	.26	4
5	.05	-	.37	.07	.07	.01	.07	-	-	-	.07	.05	5
6	-	-	-	.04	.31	.01	.06	.07	-	-	.04	.04	6
7	.05	-	.21	.01	.09	.16	-	.17	-	.01	.04	.10	7
8	.99	-	.03	.07	.15	.05	.01	.62	.17	.01	.01	.04	8
9	.36	.13	.01	.18	.06	.23	-	.05	.03	-	.13	-	9
10	.01	.14	.08	-	.01	.01	-	-	.12	-	.15	-	10
11	-	.09	.37	-	-	-	1.30	-	.36	-	.56	.07	11
12	-	.26	.11	-	.02	-	.01	-	.41	-	.28	.02	12
13	-	.38	.22	.02	.04	-	-	-	.14	.20	.17	.09	13
14	-	.11	.08	-	-	-	-	-	-	-	.25	.19	14
15	-	-	.41	-	-	-	-	-	.03	-	.35	-	15
16	-	.01	.07	-	-	-	1.40	-	1.08	-	-	-	16
17	.01	.46	.14	-	-	-	.42	-	.32	-	-	.97	17
18	-	.12	.09	-	-	-	.04	-	.12	.01	-	.08	18
19	-	.01	.28	-	-	-	.08	-	.23	-	.01	.23	19
20	-	.32	.07	-	.03	.09	-	-	-	-	-	.01	20
21	-	.16	.01	-	-	.14	-	-	-	.03	-	.02	21
22	-	.40	-	.03	.28	.45	-	.07	-	.01	-	-	22
23	-	.02	.13	.06	.05	-	.02	-	-	-	-	-	23
24	.14	-	.11	.15	.01	-	.49	.09	-	-	.43	-	24
25	.03	-	.01	-	.07	-	.22	.29	-	.68	.06	.45	25
26	.01	-	.06	-	.03	-	.09	-	-	.18	.35	.21	26
27	.07	-	-	-	-	-	.01	-	.01	.50	.42	.49	27
28	.05	.12	.27	-	.07	-	.02	.02	-	.01	.30	.03	28
29	.12	-	.08	-	.11	-	.04	.02	-	-	.24	-	29
30	-	-	.28	-	-	-	-	-	-	-	.19	.05	30
31	.31	-	.07	-	.01	-	.48	-	-	.08	-	-	31
Total	2.46	2.78	3.73	1.07	2.05	1.29	5.47	1.79	3.02	1.78	4.25	4.61	TOTAL for year
No. of Rain Days.	16	16	28	11	20	11	21	12	12	12	21	22	34.30

W. 8,000, X. '11.

3226

FORM A.
BRITISH RAINFALL

REGISTER OF RAINFALL IN 1915

Kept at Vicarage St Michaels on Wyre
in the County of Lancaster
by Archdeacon Hornby

Lat. 53° 51' 46" Long. 2° 49' 25"
Time of Observation 9 a.m
Nearest Railway Station Brock
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 26 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.41	.47	.01	–	.24	–	·17	·07	–	·01	–	·02	1
2	–	.61	.47	.35	–	·06	·40	·18	–	·01	–	–	2
3	.32	.04	.25	.69	–	·01	·42	–	–	–	–	·24	3
4	.02	.33	.05	–	.17	·13	–	–	–	–	–	·57	4
5	.18	.12	.15	–	.01	·01	–	·09	–	–	–	1·40	5
6	.17	.05	.02	.29	–	–	·96	·02	–	–	–	·15	6
7	.80	.44	–	.10	–	–	·33	·60	–	–	–	·06	7
8	.19	.08	–	.10	–	–	–	·13	–	–	·63	–	8
9	–	.10	–	–	–	–	–	·01	–	–	·18	·34	9
10	.59	–	.19	.09	–	–	–	·29	–	01	·02	·26	10
11	.01	–	.03	–	.41	–	·10	–	–	–	·02	·45	11
12	.36	–	–	.06	.01	–	·02	·05	–	·31	·39	–	12
13	.04	.01	–	.01	–	–	–	·34	–	·01	–	·05	13
14	.11	–	–	.07	–	–	·18	1·76	·02	·05	·01	·08	14
15	.65	–	–	.08	–	–	–	·02	·02	–	·51	·43	15
16	–	.36	–	.01	.08	–	·34	·85	–	–	–	–	16
17	–	.19	.05	–	·01	–	–	·01	–	–	–	·13	17
18	–	.22	.06	–	–	–	–	–	–	–	–	–	18
19	–	.07	.02	.06	·18	–	·23	–	–	·02	–	–	19
20	.15	.03	.01	–	–	–	–	·02	–	–	–	·25	20
21	.07	.09	–	.24	–	–	·48	·01	–	–	–	·21	21
22	–	.01	.03	–	·01	·18	·01	–	–	–	–	·15	22
23	–	.02	.09	.04	–	·05	–	–	·07	·27	–	·19	23
24	–	–	.03	.01	–	–	–	–	·27	·07	–	·34	24
25	–	–	–	–	–	·42	–	–	·11	–	–	·18	25
26	–	.55	–	–	–	·21	·14	–	–	–	–	.44	26
27	–	.05	–	–	–	·01	·21	–	–	·51	–	.14	27
28	–	.06	–	–	·04	·59	–	·44	–	·07	–	.01	28
29	–	–	–	–	·05	–	–	·04	–	–	·16	.11	29
30	.20	–	–	.44	–	–	–	–	–	–	·03	–	30
31	.04	–	–	–	–		·02	·56		–		.40	31
Total	4.31	3.90	1.46	2.64	1.21	1.67	4·01	5·49	0·49	1·34	1·95	6.59	YEAR'S TOTAL 35.06
Rain Days.	17	21	15	16	11	10	15	19	5	11	9	24	173

W.7,000, XI. 13

3156

REGISTER OF RAINFALL IN 1916

Kept at Vicarage, St Michaels on Wyre
in the County of Lancaster
by Archdeacon Hornby

Lat. 53°51'46 Long. 2°49'25"
Time of Observation 9 a.m.
Nearest Railway Station Brock
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 26 ft.

FORM A.
BRITISH RAINFALL.
3 JAN 1917

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.07	.02	.14	—	—	.13	.17	—	—	.02	.05	—	1
2	.14	.24	.03	—	—	.08	—	—	.31	.19	.05	.02	2
3	—	.02	—	.06	—	.02	.02	—	.55	.36	.10	.02	3
4	.02	.04	—	—	.50	.62	—	—	.08	.42	.17	—	4
5	.26	.36	—	—	.23	.17	—	—	—	.86	.31	—	5
6	.34	.23	—	—	.26	.02	.13	—	—	.02	.33	.04	6
7	—	.04	—	—	.06	.04	.33	—	—	.09	.09	.31	7
8	.01	.06	—	—	—	.62	—	—	—	.01	.09	.07	8
9	.11	—	—	—	.26	.30	—	—	—	—	.04	.08	9
10	.01	.28	—	.23	—	.01	.03	—	—	.36	.02	—	10
11	.05	.28	—	.70	.01	—	.11	—	.10	.09	—	.07	11
12	.03	.17	.01	—	.37	—	.56	.04	.01	.08	—	—	12
13	—	.10	.09	.09	—	—	—	.23	.01	.66	—	.03	13
14	.01	.19	—	.11	.22	—	—	.65	.05	.08	—	—	14
15	—	.16	.22	.07	—	—	.11	1.30	.05	.05	—	—	15
16	.01	.12	.27	.33	—	—	.06	.14	—	.10	—	—	16
17	.15	.15	—	.32	—	—	—	.07	.86	.14	—	.01	17
18	.08	.15	—	.03	—	—	.01	.14	.27	.15	.08	.09	18
19	.12	—	.14	.11	—	—	—	.11	.02	—	.03	—	19
20	.26	—	.33	.60	—	—	—	—	—	—	.24	.04	20
21	.02	—	.01	.03	.07	—	.01	—	—	—	.02	.03	21
22	—	—	—	—	—	.10	—	—	—	.15	.04	.05	22
23	.03	—	.12	.06	—	—	—	.02	—	.08	.27	.23	23
24	—	—	.02	—	—	—	—	.22	—	.09	—	.01	24
25	.03	—	.05	—	.22	.06	—	.22	.02	—	.30	.02	25
26	.06	—	.06	—	—	—	—	—	—	.04	.02	—	26
27	—	.09	—	—	.03	.22	—	—	.08	.38	—	.03	27
28	.03	—	—	—	—	—	—	—	—	.44	.06	.36	28
29	.02	.04	—	—	—	.21	—	—	—	.35	.02	.42	29
30	.06		—	—	—	.04	.01	—	—	.67	—	.02	30
31	—		—		.22		—	.22		.30		.19	31
Total	1.92	2.74	1.49	2.74	2.45	2.64	1.55	3.36	2.41	6.28	2.33	2.14	YEAR'S TOTAL 32.05
Rain Days.	23	19	13	13	12	15	12	12	13	26	20	21	199

W. 8,000. X. 14.

[illegible] 3060

REGISTER OF RAINFALL IN 1917

FORM A. BRITISH RAINFALL.
2. JAN 1918

Kept at The Vicarage St Michaels on Wyre
in the County of Lancaster
by Archdeacon Hornby

Lat. 53° 51' 46" Long. 2° 49' 25"
Time of Observation 9 a.m
Nearest Railway Station Brock
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 26 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.01	–	.01	–	–	.01	–	.03	.14	–	.18	.16	1
2	.63	–	–	.01	–	–	–	–	–	.02	.02	–	2
3	.02	.17	–	.01	–	.73	–	–	–	.38	.15	.05	3
4	.15	.02	–	–	–	–	–	–	–	.60	–	.01	4
5	.23	–	.04	.20	–	–	–	–	.01	.24	.50	.01	5
6	.03	–	–	–	–	.27	–	–	–	.42	.43	.08	6
7	.59	–	–	–	–	–	–	–	–	.56	.10	.03	7
8	.13	–	–	.17	–	–	–	.36	.04	.72	.22	.20	8
9	–	–	.03	.06	.03	–	–	.31	–	.09	.27	–	9
10	.26	–	.81	.18	.09	–	–	.21	–	.01	–	–	10
11	.16	.05	–	.01	.05	–	–	.48	.01	.42	.02	–	11
12	.02	–	.07	–	.61	–	–	–	.02	.89	–	.07	12
13	.04	–	–	.03	–	.04	.01	.04	.92	.01	.10	.28	13
14	.01	–	–	.09	.04	–	–	.29	–	.07	–	.27	14
15	.01	–	–	.17	–	–	–	–	.43	.06	.01	.28	15
16	–	.06	–	.12	–	–	–	.77	.01	–	.01	.02	16
17	–	.04	.19	.30	.02	–	.13	1.31	.41	.06	.01	–	17
18	–	–	.06	.04	.02	–	.57	.01	.52	–	–	–	18
19	.01	.28	.32	–	.50	.06	–	–	–	–	.07	.02	19
20	–	.30	–	–	.11	.54	–	.06	.09	–	.36	–	20
21	–	.01	.03	–	.29	–	–	.03	.02	.09	.01	–	21
22	–	–	–	–	–	–	–	.38	.05	.37	.07	–	22
23	–	.14	–	–	.21	.65	–	.24	.06	.27	–	.01	23
24	–	–	–	–	–	–	.15	.17	–	.54	.05	–	24
25	–	.07	.03	–	–	–	–	.13	.19	.05	.05	–	25
26	–	–	–	–	–	–	–	.97	.35	.12	1.00	–	26
27	–	–	.16	.01	.27	.12	.49	.34	–	.27	–	–	27
28	–	–	.14	–	–	–	.03	.21	–	.08	.01	–	28
29	–	✕	.01	–		–	–	.02	–	.63	–	–	29
30	–	✕	.15	–	–	–	–	.10	–	.05	.31	–	30
31	–	✕	.21	✕	.10	✕		.46	✕	–	✕	–	31
Total	2.30	1.14	2.26	1.40	2.34	2.42	1.38	6.92	3.27	7.02	3.89	1.49	YEAR'S TOTAL 35.83
Rain Days.	15	10	15	14	13	8	6	22	16	25	22	14	180

W. 8,000. X. 15.

REGISTER OF RAINFALL IN 1919

FORM A.
BRITISH RAINFALL.

Kept at Vicarage St Michaels on Wyre
in the County of Lancaster
by Archdeacon Hornby.

Lat. 53° 51' 46" Long. 2° 49' 25"
Time of Observation 9. a.m
Nearest Railway Station Brock
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 26 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.40	–	.03	–	.46	–	.26	.02	.77	.58	–	.09	1
2	.18	–	.43	–	.12	–	.16	–	.19	–	–	.16	2
3	.27	–	.01	–	.12	.22	.21	–	–	–	.02	.09	3
4	.32	.03	.36	–	.04	.03	.03	.37	.04	–	.01	.04	4
5	–	–	–	–	.39	–	–	–	.10	.01	–	.26	5
6	.13	–	.44	–	.14	–	–	–	.07	.01	–	.02	6
7	.01	–	.15	.13	–	–	–	–	–	–	–	–	7
8	.14	–	.05	–	.04	–	–	.02	–	–	–	–	8
9	.70	–	.08	.01	–	.02	–		–	–	.01	–	9
10	.09	–	.67	.15	–	–	–		–	.04	–	.14	10
11	.06	–	.48	.04	.01	–	.18		.03	.13	–	.01	11
12	.02	–	.03	–	–	.12	–		–	.16	.15	–	12
13	.36	–	–	.27	–	–	.04	.03	–	.38	–	.15	13
14	.34	.11	–	.13	–	–	–	.02	–	.16	–	.10	14
15	.45	.02	–	.09	–	–	–	–	–	–	–	.47	15
16	.07	–	–	.02	–	.08	–	–	–	–	.30	–	16
17	.04	–	–	.04	–	.04	–	.74	.03	–	.43	.03	17
18	–	–	.58	–	–		.23	.43	.08	–	.02	.30	18
19	.03	.48	.86	–	–	.47	–	.39	.23	–	.05	.14	19
20	.36	.22	.02	–	–	.09	–	.03	.01	–	.06	.20	20
21	.03	.33	–	–	–	–	.18		.18	–	.10	.20	21
22	–	.20	–	–	–	.21	–	.03	.29	.01	.05	.79	22
23	–	–	–	.01	–	.06	–	.01	–	1.00	.02	.05	23
24	.01	–	–	.12	.36	–	–	.06	.17	.03	.21	.80	24
25	.19	–	–	.16	–	.03	–	.66	.21	–	.14	–	25
26	.27	–	.46	.19	–	.09	–	.55	.03	–	–	.39	26
27	.13	–	–	.02	–	–	–	.05	–	–	.01	.01	27
28	–	–	–	–	–	–	–	.81	–	–	–	.37	28
29	.01	–	–	.01	–	–	–	.05	.07	.09	–	.23	29
30	–	X	.08	.19	–	.10	–	–		.03	.23	.67	30
31	–	X	.04	X	–	X	.27	–	X	–	X	.04	31
Total	4.61	1.39	4.77	1.58	1.70	1.57	1.56	4.27	2.50	2.63	1.81	5.59	YEAR'S TOTAL 33.98
Rain Days.	24	7	17	16	9	13	9	17	16	13	16	25	182 ✓
Days with ·04 in.	18	5	13	11	8	10	8	10	12	8	10	21	134 ✓

W. 8,000, IX. 17.

2787

Form A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1920.

Kept at Vicarage St Michaels on Wyre

in the County of Lancaster

by Archdeacon Hornby

Lat 53° 57' 46" Long 2° 49' 25"
Time of Observation 9 a.m
Nearest Railway Station Brock
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 26 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.02	–	.11	.15	.38	–	.49	.04	.14	.05	–	.18	1
2	–		–	.14	–	–	.29	.02	.43	.12	–	.23	2
3	–	.09	.15	.01	.07	–	.91	–	.29	.10	–	.10	3
4	–	–	–	.05	.02	–	.08	.75	.02	.18	–	.01	4
5	–	.01	.06	–	.80	–	.12	.13	.08	.31	.07	–	5
6	–	–	.29	.24	.27	–	–	–	.01	–	.01	–	6
7	.04	.10	.12	.02	.03	–	.31	–	.02	–	.06	–	7
8	.12	.07	–	.24	.20	–	.03	.25	.01	–	.03	.06	8
9	.28	.39	.05	.43	–	–	.07	–	.04	–	–	.01	9
10	.46	.10	.12	.08	–	–	.05	–	–	–	–	.04	10
11	.13	–	.04	–	.49	.71	–	–	–	–	.02	.01	11
12	.21	.08	.19	.29	.01	.06	.17	–	.04	–	.19	–	12
13	.23	.07	.07	.07	.61	.72	–	–		–	.13	.03	13
14	.01	.17	.23	.27	–	.23	.21	–	.38	.28	.65	–	14
15	–	.18	–	.70	–	–	–	–	–	.14	.03	–	15
16	–	–	.08	–	.15	.01	.37	–	.26	–	.03	–	16
17	.04	–	.05	–	.41	–	.05	.13	.19	.02	.03	–	17
18	.28	.01	–	.10	.37	.06	–	.04	.33	–	–	–	18
19	.01	.59	–	.07	.11	.10	.14	–	.05	–	–	–	19
20	.21	–	–	.29	–	–	.04	–	.21	–	–	.17	20
21	–	–	–	.03	–	–	.32	.01	–	–	–	.08	21
22	.20	–	–	.32	–	.02	.49	.06	–	–	–	.09	22
23	–	–	.15	.23	–	–	.21	.04	–	–	–	.29	23
24	.09	–	.91	.03	–	.05	.08	.01	–	–	–	.60	24
25	–	.13	.07	.01	.02	–	.59	–	–	–	–	.01	25
26	.16	.05	.63	.24	.02	–	.09	–	–	–	.05	.04	26
27	.17	.01	.20	.07	.28	.13	.07	–	–	–	.11	.01	27
28	.29	.02	.26	.17	–	.70	.06	–	–	–	–	.22	28
29	.10	.02	.14	–	.61	.01	.29	–	–	–	.18	.40	29
30	.20		.07	.01	.09	.15	–	–	.55	–	.16	.27	30
31	.16		.02		.11		.08	.13		.05		.01	31
Total	3.41	2.09	4.01	4.26	4.45	2.95	5.61	1.61	3.05	1.25	1.75	2.86	Year's Total 37.30
Days with ·01 in. or more	21	17	22	25	20	13	25	12	17	9	15	21	217

(44(283). Wt.,958—218. 7500. 10/19. Gp.132. A.&E.W.

04 18 12 21 19 14 10 24 9 13 8 9 14 171

RE

ST. ANNES ON SEA
LANCASHIRE
1911 - 1920

FORM A2.
BRITISH RAINFALL.
26 JAN 1912

Kept at St. Anne's

in the County of N. L

by Mr. W. E. T

5 in.

Ground 1 ft. in.

Sea Level 25 ft.

Name

Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·08		·06		·01	·14			·23	·16	1
2					·18			·01		·04	·11	·03	2
3			·15		·71		·05	·02	·02		·16	·08	3
4			·05					·86	·15		·29	·10	4
5	·31		·13					·98		·02	·18	·08	5
6	·09							·36		·01	·13	·11	6
7	·04			·02							·25		7
8	·02		·22								·12	·73	8
9	·01							·01			·02	·48	9
10	·23	·13	·15						·13	·01		·37	10
11			·12								·06	·01	11
12									1·27		·54		12
13		·18			·09				·04		·13	·50	13
14	·04	·55			·01						·05	·17	14
15	·02	·24	·01								·22	·15	15
16		·03				·23	·04				·20	·07	16
17		·01				·70		·03			·32	·10	17
18		·12		·06		·08	·01	·01		·02		·10	18
19		·07		·05		·01	·03		·43	·23	·12	·23	19
20		·21		·72		·02	·08	·35	·15	·02		·41	20
21	·02	·62		·04		·11	·03	·11		·10		·05	21
22	·03	·01				·01				·05		·03	22
23	·01	·26		·01	·04	·04		·03	·18	·05		·17	23
24	·03	·08		·17		·96	·01	·13		·20		·13	24
25		·05		·10		·12		·02	·61	·34		·47	25
26		·12		·15		·04		·11		·39	·06	·37	26
27		·29		·15				·56	·65		·01	·25	27
28		·14		·28		·10			·05			·30	28
29				·44		·13	·03	·03	·17	·91		·10	29
30						·07	·36			·12	·06	·02	30
31			·08		·14		·07			·06			31
Total	·85	3·11	·99	2·19	1·23	2·62	·72	3·76	3·85	2·57	3·26	5·77	TOTAL for year 30·92
No. of Rain Days	12	17	9	12	7	14	11	17	12	16	20	28	175

9,000, IX. '10.

FORM A2. BRITISH RAINFALL.
26 JAN 1912

REGISTER OF RAINFALL IN 191

Kept at St. Anne's-on-the-Sea

in the County of N. Lancashire N5

by Mr. W. E. Procter

RAIN GAUGE
- Pattern
- Diameter of top 5 in.
- Height of top above Ground 1 ft. in.
- " " " Sea Level 25 ft.

Time of Observation

Nearest Railway Station
- Name
- Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·08		·06		·01	·14			·23	·16	1
2					·18			·01		·04	·11	·03	2
3			·15		·71		·05	·02	·02		·16	·08	3
4			·05					·86	·15		·29	·10	4
5	·31		·13					·98		·02	·18	·08	5
6	·09							·36		·01	·13	·11	6
7	·04			·02							·25		7
8	·02		·22								·12	·73	8
9	·01							·01			·02	·48	9
10	·23	·13	·15						·13	·01		·37	10
11			·12								·06	·01	11
12									1·27		·54		12
13		·18			·09				·04		·13	·50	13
14	·04	·55			·01						·05	·17	14
15	·02	·24	·01								·22	·15	15
16		·03				·23	·04				·20	·07	16
17		·01				·70		·03			·32	·10	17
18		·12		·06		·08	·01	·01		·02		·10	18
19		·07		·05		·01	·03		·43	·23	·12	·23	19
20		·21		·72		·02	·08	·35	·15	·02		·41	20
21	·02	·62		·04		·11	·03	·11		·10		·05	21
22	·03	·01				·01				·05		·03	22
23	·01	·26		·01	·04	·04		·03	·18	·05		·17	23
24	·03	·08		·17		·96	·01	·13		·20		·13	24
25		·05		·10		·12		·02	·61	·34		·47	25
26		·12		·15		·04		·11		·39	·06	·37	26
27		·29		·15				·56	·65		·01	·25	27
28		·14		·28		·10			·05			·30	28
29				·44		·13	·03	·03	·17	·91		·10	29
30						·07	·36			·12	·06	·02	30
31			·08		·14		·07			·06			31
Total	·85	3·11	·99	2·19	1·23	2·62	·72	3·76	3·85	2·57	3·26	5·77	TOTAL for year 30·92
No. of Rain Days	12	17	9	12	7	14	11	17	12	16	20	28	175

9,000, IX. '10.

88

wrote re J.1 1.13 J.C.

~~Ex J.C.~~ Mg 31. estd. from own stats 20.v.13 obs accepts, v.13

423

25 JAN 1913

FORM A2. BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1912

Kept at St. Anne's on the Sea

in the County of N. Lancashire N5

by W. E. Procter

Rain Gauge: Pattern .... Diameter of top .... in. Height of top above Ground .... ft. .... in. " " " Sea Level .... ft.

Time of Observation ....

Nearest Railway Station: Name .... Distance .... Direction ....

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·01		·32			·36		·19	·40			·35	1
2	·04		·16	·01	·04	·13	·06		1·10			·10	2
3	·22		·48			·15		·38	·26		·01	·08	3
4	·44		·67	·05	·02	·10		·41	·08		·56		4
5	·08	·02			·25	·43		·02	·08	·02		·01	5
6	·45	·22		·01	·02	·12		·07			·01		6
7		·12		·01	·15	·10	·10	·30	·07			·01	7
8	·50	·19	·08	·01		·15		·05	·09			·04	8
9	·01	·05	·12	·29		·06					·08	·09	9
10	·03	·01	·05		·01	·15	·07	·04			·32		10
11	·02	·01			·11	·51	·10					·37	11
12	·09	·15	·49				·03			·18		·01	12
13	·04	·03				·05		·02	·02	·07		·07	13
14	·22		·24					·10				·02	14
15	·18	·19	·02		·05	·13		·02				·17	15
16	·63		·05			·14		·05		·41	·01		16
17	·33	·24	·35			·88		·69			·20	·36	17
18	·16	·10				·06		·03		·33	·11	·21	18
19	·02	·01	·64		·04	·02		·14		·21	·01		19
20	·04		·08		·43	·03	·04	·07		·33		·03	20
21		·01	·09		·03	·01	·05	·07		·44		·05	21
22		·15			·47	·02	·16	·57				·02	22
23			·17			·14	·32	·71		·05	·03	·01	23
24			·19			·23	·09	·08		·06	·22	·15	24
25		·01	·10			·17		·02			·28	·28	25
26		·07	·18			·02	·38	·13		1·50	·18	·03	26
27			·22			·73	·61			·46	·05	·05	27
28		·08				·11	·28	·31	·02	·35	·12	·02	28
29			·01			·01	·26	·02	·16	·11		·05	29
30			·11			·02				·03	·02		30
31			·37		·13		(2·00) ~~1·78~~	·42				·40	31
Total	3·51	1·66	5·19	·38	1·75	5·03	~~4·33~~ (4·55)	4·85	2·28	4·55	2·21	2·98	TOTAL for year (38·94)
No. of Rain Days.	19	18	23	6	13	28	15	25	10	15	16	25	213

W. 8,000, X. '11.

To be filled up if the Observer desires to do so and returned to
DR. H. R. MILL, *Director*, BRITISH RAINFALL ORGANIZATION, 62 CAMDEN SQUARE, LONDON, N.W.

FORM E.
BRITISH RAINFALL.
4 - JAN 1913

BRIEF REMARKS on the weather of the year or on any meteorological occurrences

at St Annes on the Sea *in the County of* Lancaster *for the year* **19**12.

On the 31st day of July there was a very heavy storm in this district and our glass receiving jar was evidently too small to contain all the water that descended, however, two other observers in the district registered 2·14 inches for the day, whilst ours was full and overflowing giving 1·78 inches. Since then a larger glass jar has been fixed under the rain gauge

day 2·00

9. ret. - not in

(Signed) William Procter.

Please write on one side of the paper, as if the remarks are selected for publication in BRITISH RAINFALL this form will be sent to the Printer. If there is not room to describe any very remarkable phenomenon, such as a cloudburst, serious flood or disastrous drought, please continue on an additional sheet.

W.—4,500.—XI.-12.

SS ✓

REGISTER OF RAINFALL IN 1913

FORM A.
BRITISH RAINFALL.

31 JAN 1914

435

Kept at St Anne's-on-the-Sea

in the County of N. Lancashire

5

by W. E. Procter

Lat. .... Long. ....
Time of Observation ....
Nearest Railway Station ....
Diameter of Rain Gauge .... in.
Height of top of Gauge above Ground .... ft. .... in.
" " " " Sea Level .... ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		·02	·10								·14	·01	1
2		·11	·23			·13					·07	·14	2
3	·03		·17	·01	·54					·04	·01	·38	3
4	·17	·06	·08		·21		·05			·02	·11	·22	4
5	·32	·03	·01		·03	·41	·12	·02		·10	·02	·04	5
6	·02	·25	·23		·33	·23	·48			·02	·21	·14	6
7	·01	·26			·14	·36				·31	·12	·02	7
8		·14	·01		·03	·02		·13	·01		·10	·02	8
9		·18	·16	·12	·24	·55	·08	·09			·06	·28	9
10			·19	·10	·03		·03		·03	·05	·09		10
11	·67		·01	·20		·03	·13	·01		·12	·34		11
12	·04				·04	·02	·04		·30	·01	·10		12
13			·24				·03	·03	·10	·13	·29	·01	13
14	·10		·11	·06				·03	·06	·43	·16	·03	14
15			·18	·69					·04		·27	·03	15
16			·04	·07							·17		16
17	·01		·01	·24	·06		·05		·03		·22		17
18	·04		·40	·08	·03	·05	·15				·17		18
19	·10		·01	·05	·04	·09			·01	·20	·04		19
20	·09		·07	·06	·02	·04	·04		·04	·32	1·04		20
21			·03		·08		·08	·11		·01	·09		21
22	·40		·38		·04	·26		·65	·16		·04		22
23	·65		·10		·27	·06		·07	·09	·01	·06	·01	23
24	·28	·08		·12							·07	·04	24
25				·06					·49	·09	·01	·16	25
26		·02		·48					1·44	·02		·23	26
27				·28						·18	·08	·09	27
28	·33		·04	·18	·06					·22	·01		28
29			·12	·35	·07			·09		·24	·06		29
30	·44		·02		·08					·05	·03		30
31	·03		·08										31
Total	3·73 ✓	1·15 ✓	3·02 ✓	3·15 ✓	2·34 ✓	2·25 ✓	1·28 ✓	1·23 ✓	2·80 ✓	2·57 ✓	4·18 ✓	1·85 ✓	YEAR'S TOTAL 29·55
Rain Days.	18	10	25	17	19	13	12	10	13	20	29	17	203

W. 7,500, XI. ·12

82/

CX MS

417

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.

28 JAN 1915

Kept at St. Anne's-on-the-Sea

in the County of N. Lancashire N 5

by W. E. Procter

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		·06	·04			·13	·87	·32			·02	·29	1
2	·02	·02	·01		·11		·25	·08			·15	·18	2
3	·01		·02		·24			·02				·71	3
4	·07		·07	·39	·13	·02	·11				·24	·12	4
5	·01		·39	·04	·05		·07	·01			·11	·01	5
6			·06	·01	·18		·02	·03			·05	·03	6
7			·06	·03	·15	·05		·16		·01	·01	·07	7
8	·53		·12		·12	·07	·09	·53	·25	·07	·02	·03	8
9	·34	·14	·11		·06	·24	·09	·03	·15		·08		9
10	·02	·07	·04	·15	·03	·15			·14		·29		10
11		·10	·23	·05			·15		·04		·28	·21	11
12		·25	·11		·01		·48		·34		·21	·06	12
13		·31	·16		·01		·02		·13	·14	·47	·08	13
14		·07	·08	·04					·05		·06	·20	14
15		·01	·22						·01		·48		15
16		·01	·01				1·46		1·50				16
17		·26	·25				·60		·09			·86	17
18		·03	·12				·02		·06			·09	18
19		·01	·01				·38		·08			·23	19
20		·24	·05		·01	·54						·04	20
21		·06	·01			·06				·04		·06	21
22		·31		·02	·28	·11		·17					22
23		·02	·06	·03	·36		·34						23
24			·34	·04	·02		·23	·04			·32	·04	24
25	·04		·01				·14	·34		·66	·05	·15	25
26	·01		·01				·06			·23	·22	·83	26
27	·08									·28	·34	·25	27
28	·03	·06	·08		·07			·01		·05	·15	·07	28
29	·09		·22		·09	·01					·08	·01	29
30			·11								·19	·08	30
31	·15		·01				·50			·12		·07	31
Total	1·40	2·03	3·01	·80	1·92	1·38	5·88	1·74	2·84	1·60	3·82	4·77	YEAR'S TOTAL 3119
Rain Days.	13	18	29	10	17	10	19	12	12	9	21	25	195

W.7,000, XI. 13

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3218

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FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1915

Kept at St. Annes-on-the-Sea [illegible]

in the County of N. Lancashire

by W. E. Procter

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·23	37			·18		·37	·05		·01		·04	1
2	·07	·55	·44	·35	·07	·07	·26	·22				·01	2
3	·14	·07	·10	·46	·02		·36		·03			·31	3
4	·01	·21	·02	·05		12						·76	4
5	·16	·10	·13	·01	·03			·02				1·08	5
6	·17	·09		·21			·63	·57				·16	6
7	·83	·21		·16			·38	·05				·09	7
8	·14	·02		·05				·21			·54		8
9	·07	·06		·01			·02				·12	·59	9
10	·53		·19	·04				·29			·01	·26	10
11	·11			·03	·35					·01	·11	·24	11
12	·35	·01		·05	·02					·34	·43		12
13	·04			·01				·66		·05	·14	·06	13
14	·05			·03				·43	·04	·09	·05	·09	14
15	·45			·02				·03			·22	·41	15
16		·56		·01	·20		·42	·77				·01	16
17		·18	·03		·03							·08	17
18		·26	·01								·11		18
19		·06	·09	·05	·10		·18						19
20	·14				·02			·08				·25	20
21	·16	·08		·20			·44					·24	21
22		·03	·03			·18				·03		·10	22
23		·04	·07	·03		·03			·08	·53		·24	23
24			·17	·02					·23	·21	·01	·44	24
25				·01		·67			·01			·27	25
26		·34				·14	·22					·31	26
27		·10					·60			·52		·17	27
28		·20			·02	·28		·58		·34		·01	28
29					·03			·03			·12	·03	29
30	·20	X	·02	·31						·02	·05		30
31	·05	X		X		X	·05	·39	X		X	·75	31
													YEAR'S TOTAL
Total	3·90	3·54	1·30	2·11	1·07	1·49	3·93	4·38	·39	2·15	1·91	7·00	33·17
Rain Days.	19	20	12	21	12	7	12	15	5	11	12	26	172

W. 8,000. X. 14

Cxd PSE

3146

REGISTER OF RAINFALL IN 1916

FORM A.
BRITISH RAINFALL.
5 JAN 1917

Kept at St Annes-on-the-Sea

in the County of Lancaster

by W. E. Procter, C. S. I.

Lat. 53. 44. 38 Long. 3. 1. 17

Time of Observation 9 a.m

Nearest Railway Station 4 furlongs

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

" " " " Sea Level 25 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions, for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0·05	0·10	0·05	–	0·06	0·09	0·12	–	–	–	0·10	–	1
2	0·08	0·24	0·16	–	–	–	–	–	0·59	0·31	0·03	0·03	2
3	–	–	–	0·04	–	0·03	–	–	0·34	0·30	0·02	–	3
4	0·06	0·04	–	–	0·70	0·55	–	–	0·01	0·13	0·15	–	4
5	0·11	0·28	–	–	0·14	0·09	–	–	–	0·76	0·24	–	5
6	0·20	0·16	–	–	0·10	–	0·13	–	–	0·01	0·29	0·03	6
7	–	0·03	–	–	0·18	–	0·23	–	–	0·04	0·04	0·34	7
8	0·04	0·11	–	–	–	0·06	–	–	–	0·08	0·08	0·02	8
9	0·06	0·01	–	–	0·24	–	–	–	0·06	–	0·05	0·03	9
10	–	0·36	–	0·17	0·01	0·04	0·03	–	–	0·09	0·02	–	10
11	0·07	0·20	–	0·87	0·01	–	0·06	–	0·10	0·01	–	0·19	11
12	0·03	0·08	0·04	0·02	0·45	–	0·21	0·03	–	0·05	–	–	12
13	–	0·05	0·16	0·03	0·02	–	–	0·18	0·02	0·85	–	0·02	13
14	–	0·15	–	0·09	0·29	–	–	0·39	0·03	0·04	–	–	14
15	–	0·25	0·26	0·02	–	–	0·10	0·20	0·07	0·02	–	–	15
16	–	0·03	–	0·49	–	–	0·04	0·49	–	0·09	–	–	16
17	0·13	0·12	–	0·24	–	–	0·03	0·43	0·75	0·08	–	–	17
18	0·01	0·08	–	0·06	–	–	–	0·06	0·36	0·12	0·38	0·05	18
19	0·08	–	0·14	0·15	–	–	–	0·18	0·04	–	0·34	–	19
20	0·14	–	0·70	0·10	–	–	–	–	–	–	0·15	0·03	20
21	0·03	–	–	–	0·09	–	–	–	–	–	0·06	–	21
22	–	–	0·01	–	–	0·17	–	–	–	0·07	0·01	0·04	22
23	–	–	0·12	0·03	–	0·22	–	0·05	–	0·07	0·29	0·15	23
24	–	–	–	0·01	0·04	–	–	0·20	–	0·12	–	0·14	24
25	0·01	0·01	0·08	–	0·05	0·04	–	0·09	0·25	–	0·29	0·02	25
26	0·05	–	0·03	–	–	–	–	0·02	–	0·05	0·02	–	26
27	–	0·03	–	–	–	0·04	–	–	0·09	0·14	0·01	0·04	27
28	–	0·07	–	–	0·03	0·17	–	–	–	0·38	0·02	–	28
29	–	0·13	–	–	–	0·04	0·02	–	–	0·28	0·1	0·75	29
30	0·01	×	–	–	–	0·04	–	–	–	0·60	–	–	30
31	–	×	–	×	0·05	×	–	0·22	×	0·05	×	–	31
Total	1·16	2·53	1·75	2·32	2·46	1·58	0·97	2·54	2·41	4·71	2·60	1·88	YEAR'S TOTAL 27·21
Rain Days.	17	21	11	14	16	13	10	13	13	25	21	15	189

W. 8,000, VIII. 16

82

2998
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REGISTER OF RAINFALL IN 1917

FORM A.
BRITISH RAINFALL.

Kept at St. Annes-on-the-Sea
in the County of N. Lancashire
by M. Moore

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·02		·04	·19		·02		·01	·13		·22	·03	1
2	·25			·10							·04	·26	2
3	·01	·10				·54				·42	·10	·07	3
4	·19	·15	·03							·61	·03	·06	4
5	·38		·09	·21				·06		·18	·35		5
6	·03					·70				·47	·31	·03	6
7	·62			·02						·16	·05	·03	7
8				·15		·06		·57	·03	·78	·24		8
9			·03	·03				·10		·18	·20	·15	9
10	·19		·73	·19	·05			·10			·02		10
11	·05	·01			·04			·32	·04	·61	·03		11
12		·01	·04		·51			·10	·02	1·10			12
13				·02	·05	·05		·07	·64	·07	·07	·09	13
14	·01			·09	·14					·05			14
15	·02			·05				·82	·47	1·05		·44	15
16				·10				1·42		·01			16
17		·07	·15	·46	·07		·16	·03	·23	·06			17
18		·02	·04	·01	·02		·41		·38	·04			18
19		·26	·35		·14	·06		·04					19
20		·24			·34	·40			·06	·02			20
21		·03	·12		·33			·39		·02			21
22						·66		·09	·06	·20	·03		22
23		·19			·07			·10	·03	·09			23
24		·02					·17	·24		·42	·03		24
25		·08	·05					·74	·17	·17	·19		25
26						·06		·50	·31	·15	·70		26
27			·19		·64		·39	·14		·50			27
28		·01	·10				·03			·50			28
29			·09					·14		·03			29
30		×	·16					·64					30
31		×	·10	×	·17	×		·13	×		×		31
Total	1·77	1·19	2·31	1·62	2·57	2·55	1·16	6·75	2·57	7·89	2·61	1·16	YEAR'S TOTAL 34·15
Rain Days.	11	13	16	13	13	9	5	22	13	25	16	9	165

W. 8,000, VIII. 16

50

FORM A.
BRITISH RAINFALL.

9. 1. 19

REGISTER OF RAINFALL IN 1918

Kept at St. Annes-on-the-Sea
in the County of Lancaster.
by Wm E. Procter

Lat. ______ Long. ______
Time of Observation 9.0 a.m.
Nearest Railway Station St. Annes-on-Sea
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 25. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	–	·15	–	·30	–	–	–	–	·11	·04	–	·62	1
2	–	·04	–	·15	–	–	–	–	·11	–	–	·40	2
3	–	·04	–	–	–	–	–	–	·04	·12	–	–	3
4	·02	·10	–	–	–	–	–	–	·68	·33	·50	–	4
5	–	·43	–	·08	·40	–	–	·85	·12	·40	·43	–	5
6	·06	·05	–	·25	·35	·58	–	·05	–	·20	–	–	6
7	–	·10	–	·10	–	–	–	–	·20	·05	–	–	7
8	·22	·21	–	–	–	·10	·44	–	·51	·18	–	–	8
9	·09	·40	–	·20	–	·04	–	–	·94	·65	–	·16	9
10	·04	·20	–	–	–	–	·09	–	·31	·04	·40	·14	10
11	·20	·30	–	–	·15	–	·01	·02	·10	–	–	·28	11
12	·04	–	–	·10	·04	–	–	–	·11	–	–	·11	12
13	·02	–	·04	·03	·11	·03	–	–	·29	–	–	–	13
14	·45	–	–	·04	–	–	·13	–	·21	–	–	·15	14
15	–	–	–	–	–	–	·40	–	1·24	·25	–	1·20	15
16	·11	–	–	–	·11 ·36	–	·34	·03	·32	–	–	·18	16
17	·22	–	–	–	–	–	·28	–	·04	·15	–	·32	17
18	·20	–	–	–	·96	·09	–	–	·13	–	–	·26	18
19	·05	·50	–	–	·30	–	·30	·04	·19	–	–	·44	19
20	·42	·25	–	·09	–	·15	·24	–	·13	·05	·05	·09	20
21	·24	·12	–	·10	·11	·05	–	–	·43	–	–	–	21
22	·15	–	–	–	–	·10	·14	–	·21	–	–	·50	22
23	·03	–	–	–	–	–	·44	–	–	–	–	·30	23
24	–	–	–	–	–	–	–	·40	·14	–	–	–	24
25	–	–	–	–	–	–	·43	·56	·60	–	–	–	25
26	–	–	–	–	–	–	·14	·04	·10	–	–	·10	26
27	–	–	–	–	–	·09	–	·98	·46	–	–	·20	27
28	–	·05	·10	–	–	–	–	–	·04	–	–	·30	28
29	–	–	·25	–	–	–	–	–	·08	–	–	·80	29
30	–	X	–	–	–	–	–	–	·05	–	–	·14	30
31	–	X	·35	X	–	X	–	·20	X	–	X	–	31
Total	2·92	2·94	·44	1·44	2·92 ~~2·81~~	1·26	3·44	3·20	8·34	2·52	1·68	4·32	YEAR'S TOTAL 39·14 ~~39·03~~
Rain Days.	14	15	4	11	~~9~~ 10	9	13	10	28	12	4	20	~~152~~ 153

W. 6,500, VIII. 18. w w c

Form A. 1

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

2 JAN

Kept at St Annes-on-the-Sea
in the County of Lancaster
by Wm E. Procter

Lat. 53. 44. 38 Long. 3. 1. 14
Time of Observation 9 a.m. daily
Nearest Railway Station St Annes-on-the-Sea
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 25 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·63	-	·12	-	·33	-	·04	·02	·90	·52	-	·32	1
2	-	-	-	-	-	-	·12	·02	·06	·02	-	·06	2
3	-	-	-	-	-	·13	·31	·15	-	-	·05	·12	3
4	·50	-	·33	-	·13	·02	·02	·24	·04	-	-	·24	4
5	-	·05	-	-	·06	-	-	-	·08	-	-	·18	5
6	·10	-	·35	-	·06	-	-	-	·02	·01	-	·15	6
7	-	-	·16	-	-	-	-	-	-	-	-	·04	7
8	·20	-	·10	-	-	·01	-	-	-	-	-	-	8
9	·50	-	·06	-	·08	·09	-	-	-	-	-	-	9
10	-	-	·29	·13	-	-	-	-	-	·14	-	-	10
11	-	-	·65	-	-	-	·12	-	·04	·04	-	·06	11
12	·12	-	·10	-	-	·19	-	-	-	·24	·31	·01	12
13	·33	-	·05	·20	-	-	·03	·05	-	·59	-	·10	13
14	·15	·12	-	·20	-	-	-	-	-	·15	-	·05	14
15	·33	-	-	·12	-	-	·01	-	-	-	-	·58	15
16	-	-	-	-	-	·01	-	-	-	-	·42	-	16
17	-	-	-	-	-	·01	-	·43	-	-	·29	-	17
18	-	-	·55	·10	-	-	·28	·40	·04	-	·01	·14	18
19	·10	·30	·80	-	-	·34	-	·23	·06	-	·12	·15	19
20	·18	-	-	-	-	·15	-	·25	·02	-	·25	·14	20
21	-	-	-	-	-	-	·09	-	·11	-	·04	·10	21
22	·11	-	-	-	-	·05	-	·01	·29	-	-	·85	22
23	-	·10	-	-	-	·15	-	·04	-	1·39	·03	·06	23
24	-	·15	-	-	·49	-	-	·05	·02	·11	·29	·18	24
25	·10	-	-	·08	·03	·02	-	·41	·20	-	·11	-	25
26	·30	·10	·26	-	-	·09	-	·29	·06	-	-	·65	26
27	·10	-	-	·20	-	-	-	-	-	-	-	-	27
28	-	-	-	·08	-	-	-	1·09	-	-	-	·35	28
29	·06		-	-	-	-	-	·08	·05	·10	-	·25	29
30	-		·10	·15	-	-	-	-	-	·04	-	·50	30
31	-		-		-		·24	·03		-		·04	31
Total	3·81	·82	3·92	1·26	1·18	1·26	1·32	4·12	2·05	3·38	1·95	5·35	YEAR'S TOTAL 30·42
Days with ·01 in. or more	16	6	14	9	4	13	10	14	15	12	11	24	154

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

from C. Ctd 2727

Copy by B.R.O.

for missing month 5-4-27

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 192.........

Kept at St Annes-on-Sea

in the County of N Lancs.

by W. E. Procter, Sanitary Inspector

Lat.................... Long....................

Time of Observation....................

Nearest Railway Station —

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. ' in.

" " " " Sea Level 25 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ☐

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·04	·10	·25		·22	·03	·11	·07		·19	1
2	·05			·19	10				·42	·17		·10	2
3		·07	09			·03	·71	·02	·22	·08		·09	3
4					·02		·07	·78		·14			4
5		·01	·09		·44		·04	·18	·20	·15	·06		5
6			·18	·21	·20					·06			6
7			·08		·01		·42				·06		7
8	·10	·13		·28	·11		·02	·09			·01		8
9	·31	·16	·03	·54			·08		·05				9
10	·16	·20	·04	·01								·03	10
11	·30	·03	·02		·48	1·10	·01	·02					11
12	·31	·01	·14	·29		·30	·17		·03		·16		12
13	·17	·08	·10	·13		·25					·08	·04	13
14		·13	·20	·24		·19	·13		·15	·18	·40		14
15		·08		·28						·09			15
16			·12		·22	·18	·34		·17		·05		16
17	·10		·06	·06	·56	·05		·05	·30	·05			17
18	·13			·02	·24			·01					18
19	·05	74		·11	·12	·12	·08	·08	·07		·01		19
20	·16			·52					·17			·07	20
21	·05			·05			·37					·13	21
22	·12			·22		·01	·51	·20				·01	22
23			·17	·23			·08	·03				·27	23
24	·07		·73	·04		·08						·07	24
25	·04	·12	·07	·02	·01		·57					·25	25
26	·13	·07	·65	·34	·19						·11	·19	26
27	·10	·02	·30	·06	·27	·61	·10			·01	·06	·01	27
28	·36	·01	·14	·22		·13	·08					·21	28
29	·05		·30	·08	·18	·02	·25				·17	·43	29
30	·17	✕	·24	·06	·09	·13			·52		·18	·05	30
31	·17	✕	·08	✕	·06	✕	·04	·13	✕	·27	✕		31
Total	3.10	1.86	3.87	4.30	3.55	3.20	4.29	1.62	2.41	1.27	1.35	2.14	Year's Total 32.96
Days with ·01 in. or more	21	15	22	24	18	14	20	12	12	11	12	16	197
Days with ·04 in. or more	21	10	20	21	15	11	18	7	11	10	10	13	167

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

Copy. REGI

ST. ANNES ON SEA
LAWRENCE
LANCASHIRE
1914 - 1920

FORM A.
BRITISH RAINFALL.

21 APR 1915

Kept at Lawrence House

in the County of Lanca

by C. G. D. Hoare,

...in.

...bove Ground ...ft. ...in.

Sea Level ...ft.

IMPORTANT NOTE.—Rain should be measured ... d the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			-		-	-					·06		1
2			·07		·05	-					·16		2
3			·06		·32	-					-		3
4			-		·13	·006					·30		4
5			·08		·07	-					·04		5
6			·40		·24	-					·06		6
7			·09		·14	·07					·05		7
8			·18		·09	·06					-		8
9			·03		·007	·27					·09		9
10			·19		-	·03					·42		10
11			·09		·006	-					·22		11
12			·43		·004	-					·25		12
13			·18		-	-					·33		13
14			·06		-	-					·38		14
15			·30		-	-					·20		15
16			-		-	-					-		16
17			·26		-	-					-		17
18			·11		-	-					-		18
19			·04		-	-					-		19
20			·06		-	- ? Considerable rain fell at many neighbouring stations.					-		20
21			-		-	-					-		21
22			-		·32	·18					-		22
23			·11		·39	-					-		23
24			·36		-	-					·37		24
25			-		-	-					·06		25
26			-		-	-					·22		26
27			-		-	-					·33		27
28			·30		·06	-					·16		28
29			·06		·10	-					·07		29
30		×	·10		-	-					·18		30
31		×	·02	×	-	×			×		×		31
Total as given			~~3·56~~?		~~2·07~~?	~~·956~~?					~~3·93~~?		YEAR'S TOTAL
~~Rain Days.~~ Total adds to			3·58		1·927	·616					3·95		

W. 8,000. X. 14.

Copy

REGISTER OF RAINFALL IN 19

FORM A.
BRITISH RAINFALL.

21 APR. 1915

Kept at Lawrence Hse, St Annes-o-the-Sea

in the County of Lancashire

by C. G. D. Hoare, Esq.

Lat. .... Long. ....

Time of Observation ....

Nearest Railway Station ....

Diameter of Rain Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

" " " " Sea Level .... ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ☐

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			-		-	-					·06		1
2			·07		·05	-					·16		2
3			·06		·32	-					-		3
4			-		·13	·006					·30		4
5			·08		·07	-					·04		5
6			·40		·24	-					·06		6
7			·09		·14	·07					·05		7
8			·18		·09	·06					-		8
9			·03		·007	·27					·09		9
10			·19		-	·03					·42		10
11			·09		·006	-					·22		11
12			·43		·004	-					·25		12
13			·18		-	-					·33		13
14			·06		-	-					·38		14
15			·30		-	-					·20		15
16			-		-	-					-		16
17			·26		-	-					-		17
18			·11		-	-					-		18
19			·04		-	-					-		19
20			·06		-	- ?					-		20
21			-		-	- ?					-		21
22			-		·32	·18					-		22
23			·11		·39	-					-		23
24			·36		-	-					·37		24
25			-		-	-					·06		25
26			-		-	-					·22		26
27			-		-	-					·33		27
28			·30		·06	-					·16		28
29			·06		·10	-					·07		29
30		X	·10		-	-					·18		30
31		X	·02	X	-	X			X		X		31
Total as given			~~3·56~~ ?		~~2·07~~ ?	~~·956~~ ?					~~3·93~~ ?		YEAR'S TOTAL
~~Rain Days~~. Total adds to			3·58		1·927	·616					3·95		

? Considerable rain fell at many neighbouring stations.

W. 8,000. X. 14.

referred 13.IV.15

cndly obv. 21.IV.15 ~~H~~ M.G.

REGISTER OF RAINFALL IN 1914.

FORM A. BRITISH RAINFALL.
14 JAN 1915

LAWRENCE

Kept at Laurence House. St Annes on Sea.

in the County of Lancaster. N 5

by C. G. D. Hoare.

Lat. 53.50 N Long. 3.2 W.

Time of Observation 9. A. M.

Nearest Railway Station St Annes on Sea.

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level nil ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·30

Have only total for months: positively did not keep the record of the days only the summary of the 2 months Jan & Feb. G.D.H.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1			-	-	-	-	·72	·22	-	-	·06	·32	1
2			·07	-	·05	-	·38	·14	-	·006	·16	·17	2
3			·06	-	·32	-	-	·015	-	-	-	·72	3
4			-	·38	·13	·006	·066	-	-	-	·30	·23	4
5			·08	·04	·07	-	·05	-	-	-	·04	·05	5
6			·4	·09	·24	-	·06	·02	-	-	·06	·05	6
7			·09	-	·14	·07	·17	·14	-	-	·05	·08	7
8			·18	-	·09	·06	·04	·47	·17	·06	-	·03	8
9			·03	·14	·007	·27	-	·03	·10	-	·09	-	9
10			·19	-	-	·03	-	-	·15	-	·42	-	10
11			·09	-	·006	-	·17	-	·10	-	·22	-	11
12			·43	-	·004	-	·35	-	·38	-	·25	·04	12
13			·18	·02	-	-	-	-	·10	·09	·33	·12	13
14			·06	-	-	-	-		·06	-	·38	·21	14
15			·30	-	-	-	-	-	·02	-	·20	-	15
16			-	-	-	-	1·53	-	1·44	-	-	-	16
17			·26	-	-	-	·72	-	·15	-	-	·76	17
18			·11	-	-	-	·02	-	·11	-	-	·09	18
19			·04	-	-	-	·19	-	·10	-	-	·29	19
20			·06	-	-	?	-	-	-	·007	-	-	20
21			-	-	-	-	-		-	·05	-	·055	21
22			-	·02	·32	·18	-	·14	-	·006	-	-	22
23			·11	·03	·39	-	·33	-	-	-	-	-	23
24			·36	·045	-	-	·37	·04	-		·37	-	24
25			-	-	-	-	·14	·32	-	·69	·06	·60	25
26			-	-	-	-	·06	-	-	·24	·22	·115	26
27			-	-	-	-	-	-	-	·38	·33	·49	27
28			·30	-	·06	-	-	-	-	-	·16	·085	28
29			·06	-	·1	-	-	-	-	·05	·07	·02	29
30		X	·10	-	-	-	-	·03	-	-	·18	·06	30
31		X	·02	X		X	·48	-	X	·12	X	-	31
Total	1·63	2·13	3·58 3·58	·765	~~2·07~~ 1·927	~~·956~~ ·616?	5·846	1·565	2·88	1·699	3·95 3·95	4·585	YEAR'S TOTAL ~~31·605~~ 31·173
Rain Days.	?	?	23	8	~~14~~ 13	6	18	11	12	11	20	21	

W. 8,000. X. 14.

3219

FORM A.
BRITISH RAINFALL.

20 JAN 1916

REGISTER OF RAINFALL IN 1915

Kept at Lawrence House St Annes on Sea
in the County of Lancaster N
by C G D Hoare (M.A. Cantab).

Lat. Long.
Time of Observation 9. A.M.
Nearest Railway Station St Annes on the Sea.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ~~82~~ ft. 0 in.
" " " " Sea Level 30 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·30	·34	·46	·32	·23		·29	·03				·05	1
2		·59	·14	·50		·07	·30	·20					2
3	·25	·06	·04				·37					·30	3
4		·25	·12		·21	·20						·63	4
5	·15	·11		·23	·02	·02						1·07	5
6	·17	·03		·16			·61	·05	·06			·16	6
7	·83	·28		·06			·42	·54				·09	7
8	·14	·03		·04				·17			·49		8
9		·08		·08			·02	·02			·10	·55	9
10	·57		·18					·42				·23	10
11	·21	·02			·36					·02	·10	·24	11
12	·32			·05	·01					·36	·42	·23	12
13	·04	·04						·72		·15	·35	·08	13
14	·06	·06		·04				1·12	·04			·11	14
15	·46			·03							·37	·39	15
16		·50			·20		·43	·78				·05	16
17		·16	·05									·05	17
18		·27			·14								18
19		·07	·10	·04	·05		·16			·01			19
20	·15							·07				·27	20
21	·12	·10		·22			·44					·25	21
22			·04			·20						·14	22
23		·04	·08			·02			·08	·56		·24	23
24			·13	·03					·20	·12		·44	24
25						·57						·26	25
26		·34				·25	·45					·36	26
27		·22				trace	·56			·32		·13	27
28		·10				·28		·60		·24			28
29					·07						·05	·04	29
30	·18	✕		·38							·13	·08	30
31	·08	✕	·05	✕		✕	·03	·36	✕	·02	✕	·20	31
Total	4·03	3·69	1·39	2·18	1·29	1·61	4·08	5·08	·38	1·80	2·01	6·64	YEAR'S TOTAL 34·18
Rain Days.	16	21.	11	14	9	~~9~~ 8	12	13	4	9	8	26	~~152~~ 151

3149

FORM A.
BRITISH RAINFALL.
15. JAN 1917

REGISTER OF RAINFALL IN 1916

Kept at Lawrence House. St Annes on Sea

in the County of Lancashire.

by C G D Hoare. M.A.

Lat. ...... Long. ......

Time of Observation 9. A. M

Nearest Railway Station St Annes on Sea

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level 35 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·04	·08	·17			·05	·15				·11		1
2	·14	·28	·07						·43	·22	·04	·02	2
3		·01		·06		·04			·59	·38	·02	·01	3
4	·06	·04			·68	·53	·02			·15	·21		4
5	·10	·15			·18	·03				·72	·19		5
6	·21	·27			·32	·11	·10				·29	·04	6
7		·03			·01		·25			·11	·06	·39	7
8	·04	·09				·04				·07	·10	·01	8
9	·07				·26						·05	·04	9
10		·39		·18			·03			·07	·02		10
11	·09	·24		·77			·07		·13	·04		·20	11
12	·05	·10	·05	·02	·48		·23			·08	·02		12
13		·04	·14	·05				·28		·84			13
14		·14		·07	·32			·41		·04			14
15		·24	·26	·08			·09	·48	·09	·06			15
16	·02	·06	·01	·34			·06	·95		·10			16
17	·14	·13		·25			·01	·30	·73	·09			17
18	·02	·09	·04	·04				·19	·34	·14	·26	·11	18
19	·10		·10	·12				·20	·03		·35		19
20	·12		·77	·18							·16	·02	20
21	·05		·03		·09						·06	~~·08~~	21
22						·17				·12	·01	·08	22
23			·10	·04		·17		·04		·06	·27	·24	23
24					·06			·20		·12		·01	24
25	·02	·02	·11		·04	·04		·08	·08		(·2~~2~~4)	·02	25
26	·06									·06	·01		26
27	·01	·09			·01	·09			·08	·17			27
28		·07								·49	·03	·40	28
29		·11				·17				·23		·56	29
30	·02	X								·58			30
31		X		X	·14	X	·02	·24	X	·05	X	·09	31
Total	1·36	2·67	1·85	2·20	2·59	1·44	1·03	3·37	2·50	4·99	2·50	2·24	YEAR'S TOTAL 28·94
Rain Days.	19	21	12	13	12	11	11	11	9	24	20	16	179

W. 8,000, VIII. 16

Ext'd C.J.

2999

REGISTER OF RAINFALL IN 1917.

FORM A.
BRITISH RAINFALL.

118

P. more

Kept at Lawrence House. St Annes on the Sea

in the County of Lancaster

by C. G. D. Hoare

Lat. Long.
Time of Observation 9
Nearest Railway Station St Annes
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 25 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following. /

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1			·05	·25		·02		·02	·20		·24	·18	1
2	·40					·02					·07	·13	2
3		·20				·47				·30	·07	·03	3
4	·17		·02							·77		·03	4
5	·41		·08	·23				·04		·28	·24	·02	5
6						·22				·26	·27	·04	6
7	·63					·14				·28	·05	·04	7
8			·02	·20		·03		·45		·10	·17	·19	8
9			·03					·12		·17	·23	·01	9
10	·21		·71	·25	·06			·08					10
11	·04	·06			·06				·01	·60	·03		11
12					·54			·18		1·10		·01	12
13				·04		·04		·10	·67	·005	·09	·34	13
14	·02			·09	·19					·12		·13	14
15	·01			·05					·47			·21	15
16				·10				·72	·03	·01	·01	·19	16
17		·11	·18	·45	·09		·03	1·34	·11	·04			17
18			·04	·02			·49		·37	·03			18
19		·29	·31		·41						·01		19
20		·23			·10	·60		·05	·06		·39		20
21			·15		·32	·02				·03	·02		21
22		·01						·34	·05	·23	·02		22
23		·20			·08	·62		·06	·03	·15		·07	23
24			·01			·01	·17			·33	·14		24
25		·11	·04					·27	·16	·24	·10		25
26								·92	·34	·23	·74		26
27			·21		·55	·08	·37	·46		·29	·02		27
28			·12				·02	·13		·19			28
29			·12							·52			29
30		X	·19					·15		·02	·12		30
31		X	·33	X	·08	X		·49	X		X		31
Total	1·89	1·21	2·61	1·68	2·48	2·27	1·08	5·92	2·50	6·29	3·03	1·62	YEAR'S TOTAL 32·58
Rain Days.	8	8	17	10	11	12	5	18	12	23	20	15	~~159~~ 159

W. 8,000, IX. 17.

51

FORM A.
BRITISH RAINFALL.
14·1·19

REGISTER OF RAINFALL IN 1918

Kept at Lawrence House St Annes
in the County of N Lancaster.
by Charles G D Hoare MA.

Lat. Long.
Time of Observation 9 Am
Nearest Railway Station St Annes
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level 30 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1				·09					·10	·07	·10	·22	1
2		·06		·01					·12		·04	·65	2
3		·04			·92					·10		·01	3
4		·12			·03				·61	·25	·17		4
5		·15			·17				·13	·39	·02	·01	5
6		·28				·56		·73	·22	·18			6
7		·15		·48				·12		·07	·08	·03	7
8		·02					·41		·59	·16	·03		8
9		·36	·03	·16		·33			1·23	·66	·02	·09	9
10	·39	·26					·07		·42	·21	·20	·11	10
11	·26	·21	·07		·10		·01	·01	·13			·28	11
12	·07	·29			·02				·13	·01		·12	12
13				·05	·16				·37	·18			13
14	·72					·05	·14		·22	·04		·35	14
15	·16						·42		1·08	·01		·96	15
16						·01	·38	·03	·37			·18	16
17	·24				·12	·01	·25		·03	·18		·23	17
18	·24	·02	·09			·07	·04		·15			·23	18
19	·18	·16	·12	·04			·28	·07	·17	·07		·75	19
20	·19	·62			·44	·14	·20		·12			·11	20
21	·26	·12				·05	·05		·51			·04	21
22	·17				·61	·06	·06		·22			·52	22
23	·09				·63		·86		·12		·03	·08	23
24	·03	·07					·02	·40	·08	·03	·19	·11	24
25	·01				·11	·05	·40	·53	·25		·01		25
26		·07					·21	·04	·35	·08	·37		26
27		·10				·02		·95	·43	·03	·19	·50	27
28		·02	·35						·02		·22	·59	28
29			·15						·14			·26	29
30		☒	·21						·09		·36	·09	30
31		☒	·13	☒		☒		·18	☒	·04	☒	·2	31
Total	3·01	3·12	1·15	·86	3·31	1·35	3·80	3·06	8·40	2·96 2·74	2·03	6·52	YEAR'S TOTAL 39·37
Rain Days.	14	19	8	6	11	11	16	10	28	21	15	24.	183

W. 8,000, IX. 17.

C4 RR

2843

Form A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1919.

15 JAN 20

Kept at Laurence House S^t Annesonsea

in the County of Lancaster

by C. G. D. Hoare

Lat. Long.

Time of Observation As before

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·43	·01	·03		·34		·10		·92	·42		·03	1
2	·11		·44				·23	·02	·06	·05		·12	2
3	·05				·12		·12					·12	3
4		·06	·38	·02		·14	·13	·40	·04		·03	·20	4
5	·60				·10	·01			·08			·16	5
6	·09		·50		·04				·02	·01		·04	6
7	·15		·20	·04					·03		·04		7
8	·49		·05	·06		·03							8
9	·27			·03		·10					·01	·03	9
10	·07		·20							·12			10
11			·90		·05		·13		·04	·06			11
12	·03		·07			·21				·32	·28	·02	12
13	·27	·02					·04	·05		·64		·11	13
14	·24	·02								·14		·02	14
15	·34	·05		·10								·58	15
16	·04		·03	·51		·02					·34		16
17	·01			·04		·04		·33			·34	·01	17
18	·01	·50	·43				·29	·38			·01	·14	18
19	·02	·13	·80			·32		·23	·01		·13	·14	19
20	·26	·29	·03			·23		·21	·12		·23	·18	20
21	·11	·13					·09		·09			·05	21
22						·04			·31		·05		22
23						·15				1·25		·88	23
24	·02				·48			·12	·02	·10	·27	·09	24
25	·13			·09	·01	·09		·62	·20			·60	25
26	·27		·29	·21		·11		·33					26
27	·04		·01	·05				·13			·01	·31	27
28			·01	·03				·92				·24	28
29	·04			·03				·04	·08	·09	·13	·23	29
30			·07	·15		·10					·12	·54	30
31							·25					·05	31
Total	4·09	1·21	4·44	1·36	1·14	1·59	1·38	3·78	2·02	3·20	1·99	4·89	Year's total 31·09
Days with ·01 in. or more	24	9	17	13	7	14	9	13	14	12	14	25	171

(44,283). Wt.21,958—218. 7500. 10/19. **Gp.132.** A.&E.W.

#95 [illegible] 2728

18 JAN 192

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Lawrence House. St Annes
in the County of Lancaster
by C G D Hoare M A Cantab

Lat. Long.
Time of Observation 9. a.m.
Nearest Railway Station St Annes on Sea
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground ~~3~~ 1 ft. in.
" " " " Sea Level 25 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.04		.04	.11	.35		.27	.02	.04			.18	1
2				.07	.01				.45	.31		.06	2
3		.11	.09	.11		.02	.77	.02	.20	.01		.08	3
4				.02			.06	.67	.04	.11			4
5			.05		.37		.04	.15	.16	.24	.07		5
6			.25	.19	.19								6
7			.02				.55				.05		7
8		.10		.27	.12		.05	.10					8
9	.39	.31	.03	.54			.06		.07				9
10	.33	.25		.04								.04	10
11	.10		.05	.02	.46	1.50	.02	.03	.03				11
12	.24	.07	.15	.30		.25	.18				.17		12
13	.16	.08	.06	.07		.28	.04		.16		.15		13
14			.22	.24		.16	.17			.22	.25		14
15		.18		.27					.19		.06		15
16			.09		.22	.15	.32		.28		.02		16
17	.03	.03	.05		.30	.04		.04	.01	.07			17
18	.31			.55	.45			.03	.07				18
19		.70		.14	.13	.10	.07	.15	.18				19
20				.49								.09	20
21	.21			.02			.42					.08	21
22	.14		.16	.38		.01	.29	.16		.02		.08	22
23				.24			.26	.04				.21	23
24	.09		.71	.03			.03					.59	24
25		.11	.05	.06	.05	.07	.64						25
26		.09	.55	.24	.07	~~.05~~	.02		.01		.12		26
27	.21		.06	.15	.26	.57	.03						27
28	.39		.35	(.15) .01		.05	.12				.05	.21	28
29	.06	.03	.25	.02	.19	.03	.23				.12	.43	29
30	.17		.32		.12	.20			.67	.03	.15	.23	30
31	.17		.10		.14		.04	.13		.23			31
TOTAL	3.04	2.06	3.65	4.73	3.43	3.43	4.68	1.54	2.56	1.24	1.21	2.28	YEAR'S TOTAL 33.85
Days with ·01 in. or more	16	12	21	25	16	14	22	12	15	9	11	12	185
Days with ·04 in. or more	15	10	19	19	15	11	18	8	12	6	10	12	155

(44.283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

22

FORM A.
BRITISH RAINFALL
4. 1. 19

ST HELEN'S

ECCLESTON HILL

LANCASHIRE

1918 — 1920

REC 19 18

From 1st Nov

Kept at Eccleston

in the County of Lanc

by Arthur W. Bra
Borough Water

Long. 2° 46' 15"

n 9.0 a.m.

tation Thatto Heath

l of Rain Gauge 8 in.

auge above Ground 3 ft. 0 in.

„ Sea Level 268 ft.

IMPORTANT NOT n. and the result entered to the previous day. If an Ob st universal rule, he is earnestly requested to add the read ng year in the space provided for it at the end of this instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.
·20

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	~~Eccleston Hill~~ rain gauge out of order.				Measurements taken at Victoria Park.						Eccleston Hill		
1	·00	·00	·00	·31	·00	·00	·00	·00	·12	·00	·07	·15	1
2	·00	·00	·00	·04	·00	·00	·00	·00	·50	·11	·23	·04	2
3	·00	·17	·00	·01	·00	·00	·00	·08	·50	·34	·01	·78	3
4	·05	·05	·00	·00	·50	·00	·00	·00	·06	·30	·00	·01	4
5	·08	·05	·03	·11	·00	·00	·00	·00	·20	·32	·25	·05	5
6	·06	·00	·00	·00	·29	·00	·00	·42	·14	·27	·00	·00	6
7	·00	·50	·00	·34	·00	1·00	·00	1·00	·01	·38	·00	·00	7
8	·00	·04	·00	·10	·04	·35	·00	·05	·22	·41	·10	·00	8
9	·28	·05	·00	·00	·00	·00	·35	·00	·55	·20	·56	·00	9
10	·06	·00	·00	·05	·00	·00	·07	·00	·85	·45	·03	·02	10
11	·15	·20	·01	·11	·00	·57	·05	·00	·17	·09	·29	·11	11
12	·00	·20	·00	·10	·13	·00	·05	·03	·32	·00	·00	·15	12
13	·00	·25	·00	·00	·15	·00	·36	·00	·14	·00	·00	·06	13
14	·42	·00	·00	·05	·17	·00	·10	·00	·55	·38	·00	·00	14
15	·00	·00	·00	·00	·00	·00	·18	·00	·50	·09	·00	·22	15
16	·00	·00	·00	·00	·00	·11	·55	·00	·11	·03	·00	·53	16
17	·45	·00	·00	·00	·00	·00	·42	·11	·50	·00	·00	·27	17
18	·25	·00	·00	·00	·33	·00	·34	·09	·80	·03	·00	·12	18
19	·10	·00	·09	·00	·00	·00	·50	·00	·31	·00	·00	·49	19
20	·07	·05	·30	·05	·00	·24	·24	·00	·21	·07	·00	·43	20
21	·22	·55	·00	·20	·00	·00	·22	·03	·58	·00	·00	·13	21
22	·01	·20	·00	·03	·00	·11	·07	·00	·41	·00	·00	·14	22
23	·12	·00	·00	·00	1·00	·15	·21	·00	·15	·01	·00	·50	23
24	·00	·00	·00	·00	·70	·27	·35	·00	·12	·00	·04	·18	24
25	·00	·07	·00	·00	·00	·00	·06	·32	·09	·05	·15	·21	25
26	·00	·00	·00	·00	·00	·00	·21	·80	·25	·03	·03	·00	26
27	·00	·00	·00	·00	·00	·05	·00	·40	·30	·03	·10	·08	27
28	·00	·12	·00	·00	·00	·00	·00	·32	·40	·02	·14	·63	28
29	·00	×	·35	·00	·00	·15	·00	·10	·10	·00	·54	1·17	29
30	·00	×	·11	·00	·00	·03	·00	·00	·08	·00	·00	·13	30
31	·08	×	·22	×	·00	×	·00	·14	×	·00	×	·14	31
			·31					·12		·07	·15	·20	YEAR'S TOTAL
Total	2·32	2·50	~~1·11~~ 1·42	~~1·50~~ 1·19	3·31	2·03	4·33	~~2·89~~ 3·01	~~9·24~~ 9·12	~~3·61~~ 3·68	~~2·54~~ 2·62	~~6·74~~ 6·79	~~42·12~~ 42·32
Rain Days.	15	14	8	~~13~~ 12	9	10	18	~~13~~ 14	~~20~~ 29	~~20~~ 29	14	25	(186)

W. 8,000, IX. 17.

REG[illegible] 918

22

FORM A.
BRITISH RAINFALL.
4 . 1 . 19

From 1st November 1918

Kept at Eccleston

in the County of Lancaster

by Arthur W. Bradley
Borough Water Engineer, St. Helens

Lat. 53° 26' 25" Long. 2° 46' 15"
Time of Observation 9.0 a.m.
Nearest Railway Station Thatto Heath
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 3 ft. 0 in.
" " " " Sea Level 268 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.
·20

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
	Eccleston ~~[illegible]~~ raingauge out of order.				Measurements taken at Victoria Park.						Eccleston Hill		
1	·00	·00	·00	·31	·00	·00	·00	·00	·12	·00	·07	·15	1
2	·00	·00	·00	·04	·00	·00	·00	·00	·50	·11	·23	·04	2
3	·00	·17	·00	·01	·00	·00	·00	·08	·50	·34	·01	·78	3
4	·05	·05	·00	·00	·50	·00	·00	·00	·06	·30	·00	·01	4
5	·08	·05	·03	·11	·00	·00	·00	·00	·20	·32	·25	·05	5
6	·06	·00	·00	·00	·29	·00	·00	·42	·14	·27	·00	·00	6
7	·00	·50	·00	·34	·00	1·00	·00	·00	·01	·38	·00	·00	7
8	·00	·04	·00	·10	·04	·35	·00	·05	·22	·41	·10	·00	8
9	·28	·05	·00	·00	·00	·00	·35	·00	·55	·20	·56	·00	9
10	·06	·00	·00	·05	·00	·00	·07	·00	·85	·45	·03	·02	10
11	·15	·20	·01	·11	·00	·57	·05	·00	·17	·09	·29	·11	11
12	·00	·20	·00	·10	·13	·00	·05	·03	·32	·00	·00	·15	12
13	·00	·25	·00	·00	·15	·00	·36	·00	·14	·00	·00	·06	13
14	·42	·00	·00	·05	·17	·00	·10	·00	·55	·38	·00	·00	14
15	·00	·00	·00	·00	·00	·00	·18	·00	·50	·09	·00	·22	15
16	·00	·00	·00	·00	·00	·11	·55	·00	·11	·03	·00	·53	16
17	·45	·00	·00	·00	·00	·00	·42	·11	·50	·00	·00	·27	17
18	·25	·00	·00	·00	·33	·00	·34	·09	·80	·03	·00	·12	18
19	·10	·00	·09	·00	·00	·00	·50	·00	·31	·00	·00	·49	19
20	·07	·05	·30	·05	·00	·24	·24	·00	·21	·07	·00	·43	20
21	·22	·55	·00	·20	·00	·00	·22	·03	·58	·00	·00	·13	21
22	·01	·20	·00	·03	·00	·11	·07	·00	·41	·00	·00	·14	22
23	·12	·00	·00	·00	1·00	·15	·21	·00	·15	·01	·00	·50	23
24	·00	·00	·00	·00	·70	·27	·35	·00	·12	·00	·04	·18	24
25	·00	·07	·00	·00	·00	·00	·06	·32	·09	·05	·15	·21	25
26	·00	·00	·00	·00	·00	·00	·21	·80	·25	·03	·03	·00	26
27	·00	·00	·00	·00	·00	·05	·00	·40	·30	·03	·10	·08	27
28	·00	·12	·00	·00	·00	·00	·00	·32	·40	·02	·14	·63	28
29	·00	X	·35	·00	·00	·15	·00	·10	·10	·00	·54	1·17	29
30	·00	X	·11	·00	·00	·03	·00	·00	·08	·00	·00	·13	30
31	·08	X	·22	X	·00	X	·00	·14	X	·00	X	·14	31
Total	2·32	2·50	·31 ~~1·11~~ 1·42	~~1·50~~ 1·19	3·31	2·03	4·33	·12 ~~2·89~~ 3·01	~~9·24~~ 9·12	·07 ~~3·61~~ 3·68	·15 ~~2·54~~ 2·62	·20 ~~6·74~~ 6·79	YEAR'S TOTAL ~~42·12~~ 42·32
Rain Days.	15	14	8	13	9	10	18	~~13~~ 14	29	20	14	25	~~188~~ 189

W. 8,000, IX. 17.

2631

10 JAN 20

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1919.

Kept at Eccleston

in the County of Lancaster

by Arthur W. Bradley

Lat 53°-26'-25 Long 20-46'-15"

Time of Observation 9·0 a.m.

Nearest Railway Station Thatto Heath

Diameter of Funnel of Rain Gauge 12¼ in.

Height of top of Gauge above Ground 3 ft 0 in.

" " " " Sea Level 268 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·21	·00	·03	·05	·57	·00	·23	·01	·34	·48.	·00	·06	1
2	·19	·00	·48	·00	·00	·00	·18	·05	·16	·00	·00	·10	2
3	·70	·00	·00	·00	·03	·14	·11	·00	·01	·00	·01	·01	3
4	·17	·00	·23	·00	·01	·05	·41	·57	·01	·00	·00	·08	4
5	·01	·01	·13	·02	·13	·00	·00	·00	·00	·00	·00	·28	5
6	·02	·00	·27	·00	·13	·00	·00	·00	·00	·00	·00	·28	6
7	·01	·00	·39	·08	·00	·00	·00	·00	·05	·00	·00	·00	7
8	·10	·00	·05	·02	·00	·11	·00	·00	·00	·00	·00	·00	8
9	·13	·00	·05	·04	·00	·00	·00	·00	·00	·00	·02	·00	9
10	·00	·00	·20	·11	·00	·00	·00	·00	·00	·00	·00	·10	10
11	·00	·00	·65	·06	·00	·00	·18	·00	·00	·06	·00	·02	11
12	·01	·00	·10	·01	·01	·33	·07	·00	·00	·15	·14	·02	12
13	·45	·03	·03	·07	·00	·00	·04	·03	·00	·42	·00	·02	13
14	·41	·00	·00	·04	·00	·00	·00	·01	·00	·18	·00	·00	14
15	·24	·04	·00	·26	·00	·00	·00	·00	·00	·08	·01	·46	15
16	·12	·18	·00	·00	·00	·01	·04	·00	·00	·00	·33	·00	16
17	·01	·01	·00	·06	·00	·14	·00	·54	·00	·00	·61	·02	17
18	·00	·00	·59	·00	·00	·00	·09	·53	·13	·00	·04	·18	18
19	·06	·37	1·07	·00	·00	·27	·04	·17	·19	·00	·14	·36	19
20	·29	·05	·90	·00	·00	·11	·01	·12	·09	·00	·26	·67	20
21	·09	·29	·00	·00	·00	·00	·24	·00	·08	·00	·04	·17	21
22	·00	·70	·00	·00	·00	·05	·00	·07	·46	·00	·00	1·20	22
23	·00	·00	·00	·00	·00	·10	·00	·04	·00	·97	·00	·10	23
24	·00	·00	·00	·02	·16	·00	·00	·04	·13	·12	·15	·54	24
25	·11	·01	·00	·15	·23	·03	·00	·60	·04	·00	·22	·01	25
26	·40	·00	·27	·17	·00	·15	·00	·52	·14	·00	·09	·44	26
27	·19	·00	·02	·08	·00	·01	·00	·01	·01	·00	·01	·06	27
28	·00	·00	·00	·01	·00	·00	·00	·96	·00	·00	·00	·45	28
29	·04		·00	·03	·00	·03	·00	·01	·00	·09	·00	·09	29
30	·00		·13	·21	·00	·19	·00	·00	·00	·00	·08.	·17	30
31	·00		·02.		·00		·17	·01		·00		·12.	31
TOTAL	3·86	1·69.	5·61	1·49.	1·27.	1·72.	1·81.	4·29.	1·84.	2·55	2·15.	6·01.	YEAR'S TOTAL 34·29.
Days with ·01 in. or more	~~22~~	~~10~~	~~19~~	~~19~~	~~8~~	~~15~~	~~13~~	~~18~~	~~14~~	~~9~~	~~15~~	~~26~~	~~[illegible]~~

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

2517

9 APL 1921

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at St Helen's Eccleston

in the County of S Lancashire

by A W Bradley

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge 12.5 in.

Height of top of Gauge above Ground 3 ft. 0 in.

" " " " Sea Level 268 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·08		·07	·06	·30		·35	12	11	05		·15	1
2				·16			·24	·10	·29	·01		·09	2
3		·07		·07	·02	·03	·44	·10	·14	·09		·02	3
4				·02	·04		·08	·77	·09	·14	·02	·01	4
5			·06	·02	·70		·09	·26	·46	·23			5
6			·69	·16	·20					·06		·02	6
7		·08	·08	·01			·63						7
8	·16	·03	·01	·29	·15		·48	09					8
9	·37	·35	·03	·36			·20	·05	·02			·02	9
10	·48	·26	·06				·42					·03	10
11	·31	·06	·02	·09	·34	·84	·04	·01					11
12	·16		·09	·35	·05	1·12	·08	·01	·01		(·10)		12
13	·23		·09	·02		·14					·04		13
14	·01	·11	·09	·19		·60	·04		·61	·27	·35		14
15		·12		·19						·01	·01		15
16			·04	·05	·22	·28	·70		·24	·01	~~·01~~		16
17	·08		·03		·17	·01	·01	·12	·27				17
18	·16			·02	·22			·04	·19				18
19	·02	1.12		·04	·23	·21		·10	·14				19
20	·17			·35			·13		·05	·01		·04	20
21				·04			·44	·01				·25	21
22	·14			·32			·21	·14				·10	22
23			·08	·05			·43	·06				·48	23
24	·03		·57	03				·01				·41	24
25		·12	·08	·10			1·11						25
26	·13	·03	·51	·20	·37		·03				~~·04~~		26
27	·12	·01	·07	·25	·44	·38	·03				(05) ~~·10~~	·05	27
28	·25	·01	·16	·11	·29		·10					·13	28
29	·16	·01	·28	·22	2·33	·03	·50				·23	·56	29
30	·21		·16	·17	·06	·16			·44		·03	·19	30
31	·21		·01		·10		·02	01		·18		·01	31
Total	3·48 ~~3·28~~	2·38	3·28	3·94	6·23	3·80	6·80	2·00	3·06	1·06	~~·71~~ ~~·83~~	2·56	39·42 Year's Total ~~39·22~~
Days with ·01 in. or more	~~20~~	~~14~~	~~22~~	~~28~~	~~18~~	~~11~~	~~24~~	~~17~~	~~14~~	~~11~~	~~9~~ 8	~~17~~	~~205~~
Days with ·04 in. or more	~~17~~	~~9~~	~~17~~	~~22~~	~~17~~	~~8~~	~~20~~	~~12~~	~~12~~	~~7~~	~~4~~ 5	~~11~~	~~156~~

ST MICHAEL ON WYRE
SCHOOL
LANCASHIRE
1911- 1920

FORM A2.
BRITISH RAINFALL.
2 - JAN 1912

R

Kept at St. Mich
1 ft. . in.
in the County of
vel 27 ft.
by Joh
Brock. L.&N.W
nce 4¼ mls. Direction E.

IMPORTANT N result entered to the previous day. If an rule, he is earnestly requested to add the reading at 9 a.m. on n the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	-	-	.11	-	.04	-	.10	.18	-	-	.47	.06	1
2	.01	-	.06	-	.13	-	-	.02	-	.04	.03	.12	2
3	-	-	.22	-	.50	-	.01	.05	.01	-	.32	.07	3
4	-	-	.03	.03	.01	-	-	.54	.14	-	.44	.15	4
5	.12	-	.05	-	-	-	-	1.15	-	.01	.06	.13	5
6	.12	-	-	-	-	-	-	.52	-	.01	.14	.14	6
7	.06	-	.05	-	-	-	-	-	-	-	.26	.15	7
8	.05	-	.36	-	-	-	-	-	-	-	.23	.79	8
9	.09	-	-	-	-	-	-	-	-	-	-	.26	9
10	.36	.14	.11	-	-	-	-	-	.12	-	-	.41	10
11	.05	.01	-	-	-	-	-	-	.02	-	.21	.03	11
12	-	-	.15	-	.01	-	-	-	1.67	-	.30	-	12
13	-	.11	-	-	.06	-	-	-	-	-	.08	.23	13
14	.06	.65	-	-	-	-	-	-	-	-	.13	.19	14
15	.01	.28	.02	.02	-	-	-	-	-	-	.28	.12	15
16	.01	.12	.02	.03	-	.14	.04	-	-	-	.40	.08	16
17	.02	-	.05	-	-	.70	.02	-	-	-	.14	.15	17
18	-	.13	-	.07	-	.03	.05	-	-	.01	.06	.11	18
19	-	.06	-	.10	-	.01	.02	-	.32	.18	.01	.19	19
20	-	.16	-	.38	-	-	.21	.20	.30	.05	-	.59	20
21	.02	.76	-	.02	-	.14	.04	.18	-	.04	-	.13	21
22	.03	.06	-	.08	-	.02	-	-	-	.35	-	-	22
23	.04	.28	-	-	.14	.15	-	-	.04	.06	-	.24	23
24	.05	.12	-	.23	-	1.30	-	.06	.03	.34	-	.02	24
25	-	.27	-	.24	-	.09	-	-	.61	.22	-	.24	25
26	-	.03	-	.22	-	.02	-	.17	-	.58	.06	.35	26
27	-	.38	-	.18	-	-	-	.61	.60	-	-	.22	27
28	-	.13	-	.38	-	.23	-	.02	.11	-	-	.38	28
29	-	-	-	.42	.11	.13	.10	.02	.24	.82	-	.17	29
30	-	-	-	.01	-	.05	.03	-	-	.18	.02	.01	30
31	-	-	-	-	-	-	.03	-	-	.10	-	.10	31
Total	1.10	3.69	1.23	2.41	1.00	3.01	.65	3.72	4.21	2.99	3.64	5.83	TOTAL for year 33.48
No. of Rain Days.	16	17	12	15	8	13	11	13	13	15	19	29	181

W. 8,000, X. '11.

F

FORM A2.
BRITISH RAINFALL.
2 - JAN 1912

Kept at St. Michael's-on-Wyre School

in the County of Lancashire N5

by John Moss

RAIN GAUGE Height of top above Ground 1 ft. , in.
" " " Sea Level 27 ft.

Time of Observation 9 a.m.

Nearest Railway Station Name Brock. L.&N.W
Distance 4¼ mls. Direction E.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	-	-	.11	-	.04	-	.10	.18	-	-	.47	.06	1
2	.01	-	.06	-	.13	-	-	.02	-	.04	.03	.12	2
3	-	-	.22	-	.50	-	.01	.05	.01	-	.32	.07	3
4	-	-	.03	.03	.01	-	-	.54	.14	-	.44	.15	4
5	.12	-	.05	-	-	-	-	1.15	-	.01	.06	.13	5
6	.12	-	-	-	-	-	-	.52	-	.01	.14	.14	6
7	.06	-	.05	-	-	-	-	-	-	-	.26	.15	7
8	.05	-	.36	-	-	-	-	-	-	-	.23	.79	8
9	.09	-	-	-	-	-	-	-	-	-	-	.26	9
10	.36	.14	.11	-	-	-	-	-	.12	-	-	.41	10
11	.05	.01	-	-	-	-	-	-	.02	-	.21	.03	11
12	-	-	.15	-	.01	-	-	-	1.67	-	.30	-	12
13	-	.11	-	-	.06	-	-	-	-	-	.08	.23	13
14	.06	.65	-	-	-	-	-	-	-	-	.13	.19	14
15	.01	.28	.02	.02	-	-	-	-	-	-	.28	.12	15
16	.01	.12	.02	.03	-	.14	.04	-	-	-	.40	.08	16
17	.02	-	.05	-	-	.70	.02	-	-	-	.14	.15	17
18	-	.13	-	.07	-	.03	.05	-	-	.01	.06	.11	18
19	-	.06	-	.10	-	.01	.02	-	.32	.18	.01	.19	19
20	-	.16	-	.38	-	-	.21	.20	.30	.05	-	.59	20
21	.02	.76	-	.02	-	.14	.04	.18	-	.04	-	.13	21
22	.03	.06	-	.08	-	.02	-	-	-	.35	-	-	22
23	.04	.28	-	-	.14	.15	-	-	.04	.06	-	.24	23
24	.05	.12	-	.23	-	1.30	-	.06	.03	.34	-	.02	24
25	-	.27	-	.24	-	.09	-	-	.61	.22	-	.24	25
26	-	.03	-	.22	-	.02	-	.17	-	.58	.06	.35	26
27	-	.38	-	.18	-	-	-	.61	.60	-	-	.22	27
28	-	.13	-	.38	-	.23	-	.02	.11	-	-	.38	28
29	-	-	-	.42	.11	.13	.10	.02	.24	.82	-	.17	29
30	-	-	-	.01	-	.05	.03	-	-	.18	.02	.01	30
31	-	-	-	-	-	-	.03	-	-	.10	-	.10	31
Total	1.10	3.69	1.23	2.41	1.00	3.01	.65	3.72	4.21	2.99	3.64	5.83	TOTAL for year 33.48
No. of Rain Days.	16	17	12	15	8	13	11	13	13	15	19	29	181

W. 8,000, X. '11.

FORM E.
BRITISH RAINFALL
4 - JAN 1913

N5

To be filled up if the Observer desires to do so and returned to
DR. H. R. MILL, *Director*, BRITISH RAINFALL ORGANIZATION, 62 CAMDEN SQUARE, LONDON, N.W.

BRIEF REMARKS on the weather of the year or on any meteorological occurrences

at St. Michael's-on-Wyre *in the County of* Lancashire *for the year* **19**12

April rainfall, (owing to accident to our own gauge), taken from Vicarage.

J.M.

(Signed) John Moss.

Please write on one side of the paper, as if the remarks are selected for publication in BRITISH RAINFALL this form will be sent to the Printer. If there is not room to describe any very remarkable phenomenon, such as a cloudburst, serious flood or disastrous drought, please continue on an additional sheet.

W.—4,500.—XI.-12.

Ard by Vicarage 14-1-13

FORM A2.
BRITISH RAINFALL.

4 - JAN 1913

REGISTER OF RAINFALL IN 1912.

Kept at St Michael's on Wyre School

in the County of Lancashire N5

by John Moss

Rain Gauge
Pattern Casella
Diameter of top 5 in.
Height of top above Ground ~~2~~ ft. 12 in.
" " " Sea Level ~~26~~ 27 ft.

Time of Observation 9 a.m

Nearest Railway Station
Name Brock
Distance 4½ Direction E.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.03	.	.19	-	.01	.13	.01	.07	.21	.	.06	.57	1
2	.04	-	.48	.01	.07	.23	.08	.61	.06	.	.02	.71	2
3	.22	-	.01	-	-	.34	.	.24	.43	.	-	.17	3
4	.67	-	.50	.13	.04	.37	-	.61	.01	.	.87	.01	4
5	.10	-	.02	-	.26	.11	-	.05	.11	.	.01	-	5
6	.24	.26	.	-	.02	-	-	.25	-	.	.03	-	6
7	-	.15	.	.02	.28	.06	.14	.17	.11	.	.03	-	7
8	.40	.26	.09	.02	-	.05	.	.10	.04	.	.04	.01	8
9	.16	.05	.53	.20	-	.32	-	.14	-	-	.15	.12	9
10	.04	.01	-	-	.01	.29	.04	.13	-	-	.39	-	10
11	.04	-	.01	-	.14	-	.08	.22	-	-	.	.45	11
12	.12	.08	.38	-	.	.11	.08	-	-	-	.	-	12
13	.05	-	-	.	.	-	-	.29	-	.20	.	.11	13
14	.16	-	.30	-	.	.44	-	.13	.03	.01	-	.40	14
15	.24	.13	.02	-	.22	.31	-	.10	-	-	-	.03	15
16	.59	-	.10	-	.08	1.4	-	.03	.01	.21	.07	.04	16
17	.05	.31	.17	-	.03	1.11	.	.50	-	-	.27	.50	17
18	.03	.03	.03	-	.	.03	-	.01	-	.41	.12	.08	18
19	-	.02	.82	-	.	.03	-	.21	-	.15	.23	.01	19
20	.03	-	.06	-	.39	.03	.02	.02	-	.42	-	.02	20
21	.01	.02	.24	-	.01	.02	-	.09	-	.41	.01	-	21
22	.	.10	-	-	.44	.03	.06	.62	-	.	-	.06	22
23	-	-	.19	.	.01	.19	.32	.73	-	.05	.34	.01	23
24	-	.04	.14	-	-	.12	.25	.10	-	.03	.04	-	24
25	-	-	.09	-	-	.11	-	.01	-	-	.39	.22	25
26	-	.08	.18	.	-	.02	.54	.15	-	1.55	.15	.19	26
27	-	.06	.32	.	.02	.61	.48	.03	-	.42	.01	.10	27
28	-	.03	.01	-	.03	.17	.39	.31	-	.35	.18	.03	28
29	.	.03	-	-	-	.02	.31	.02	.48	.25	-	.13	29
30	-	-	.15	-	.11	.03	.06	.01	.	.05	.05	.01	30
31	-	-	.16	.	.09	-	2.67	.46	-	-		.35	31
Total	3,22	1.65	5.19	.38 .38	2.26	5.33	5.53	5.81	1.49	4.51	3.46	3.73	TOTAL for year 42.56
No. of Rain Days.	19	17	25	5	19	26	16	30	10	14	21	24	226

W. 8,000, X. '11.

Cor. by Vicarage. 15.IV.14.

REGISTER OF RAINFALL IN 1913

FORM A.
BRITISH RAINFALL.

4- JAN 1914

Kept at Rose Cottage, St. Michael's on Wyre
in the County of Lancashire
by John Moss NS

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Brock L. & N. W.
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 27 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.19	.06	.12	-	.	-	.	.	.	.	.06	.	1
2	.02	.19	.27	.15	-	.14	.	.	.	.	.17	.19	2
3	.02	-	.28	-	.63	.	.	.	.	.	.01	.36	3
4	.20	.08	.07	.	-	.	.	.	.	.01	.09	.55	4
5	.31	.04	-	.	.03	.06	.73	.01	.	.03	.03	.01	5
6	.04	.28	.20	-	.44	.17	.68	.	.	.03	.06	-	6
7	-	.24	.05		.11	.41	.01	.	.	.19	.08	.04	7
8	.	.19	.13	-	.03	.04	-	.18	.01	.16	.03	.04	8
9	-	.19	.13	.09	.08	.46	.04	.09	.	-	.09	.20	9
10	-	.05	.27	.21	.02	.	-	.	.04	.04	.21	.	10
11	.29	-	-	.25	.	.11	.09	.	.	.07	.26	.07	11
12	.05	-	.	.	.	.	.04	.	.41	.	.09	.01	12
13	.08	.	.37	-	.	.	.09	.08	.18	.10	.30	.	13
14	.04	.	.09	.10	.	.	.	.	.07	.50	.08	.	14
15	.03	.	.21	.53	.	.	.	.04	.04	.01	.17	.05	15
16	-	.	.12	.02	-	.01	.	.	.	.	.15	.	16
17	.01	.	-	.26	.08	.03	.19	.	.	.	.17	.	17
18	.03	.	.28	.28	.14	.04	.10	.	.	.	.27	.	18
19	.08	.	.01	.09	.14	.13	.	.	.03	.15	.14	.	19
20	.05	.	.09	.07	.05	-	.	.	-	.18	1.10	.	20
21	-	.	.04	-	.12	-	.28	.53	.03	.02	.01	.	21
22	.34	.	.34	-	.06	.15	.	.64	.13	.	-	.	22
23	.60	-	.06	-	.23	.05	.	.06	.13	.	.17	.16	23
24	.32	.13	-	.19	.	.03	.	.	-	.	.13	.06	24
25	.	.	-	.11	.	-	.	.	.63	.07	.04	.20	25
26	-	.06	.	.57	.	.03	.	.	1.28	.01	-	.47	26
27	-	.07	-	.31	.	.02	.	.	.	.24	.09	.14	27
28	.32	.07	.09	.33	.07	.	.	.	.	.09	.03	.	28
29	.	-	.12	.54	.06	.	.	.09	.	.09	.15	.	29
30	.58	-	-	-	-	.	.	.	.	.08	.03	.	30
31	.01	-	.07	-	-	.	.	.	.	.	-	.	31
Total	3.61	1.65	3.41	4.10	2.29	1.88	2.25	1.72	2.98	2.07	4.21	2.55	YEAR'S TOTAL 32.72
Rain Days.	21	13	22	17	16	16	10	9	12	19 ~~18~~	28	15	198

W. 7,500, XI. 12

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
2 - JAN 1915

Kept at Rose Cottage. St Michael's-on-Wyre
in the County of Lancashire N 5
by John Moss

Lat.
Long.
Time of Observation 9 a.m.
Nearest Railway Station Brock. L & N.W
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. in.
" " " " Sea Level 27 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.	.01	.04	.	.	.10	.35	.15	.	.01	.	.17	1
2	.05	.03	.04	.04	.04	.02	.31	.22	.	.06	.13	.12	2
3	.11	.	.04	.	.39	.	.05	.04	.	.	.	.72	3
4	.13	.	.08	.40	.17	.	.05	.02	.	.	.03	.15	4
5	.08	.	.37	.07	.09	.03	.08	.02	.	.	.10	.06	5
6	.07	.	.03	.05	.29	.01	.07	.07	.	.	.06	.04	6
7	.05	.	.19	.01	.12	.18	.	.18	.	.04	.03	.11	7
8	.91	.	.04	.07	.15	.06	.02	.54	.19	.	.	.05	8
9	.36	.13	.	.11	.08	.20	.	-	.03	.	.12	.	9
10	.01	.11	.10	.	.	.01	-	.05	.09	.	.14	-	10
11	.	.08	.33	.	.	.	1.28	.	.42	.	.64	.06	11
12	.	.22	.09	.	.04	.	.02	.	.48	.	.37	.03	12
13	.	.30	.18	.03	.05	.	.01	.	.12	.23	.18	.08	13
14	.	.09	.12	.	.	.	.02	.	.03	.	.21	.21	14
15	.	-	.41	.	.	.	-	.	.04	.	.33	.	15
16	.	.02	.09	.	.	.	1.44	.	1.23	.	.	.01	16
17	.01	.30	.14	.	.	.	.50	.	.20	.	.	.72	17
18	.	.12	.10	.	.	.	.	.	.12	.02	.	.08	18
19	.	-	.27	.	-	.	.11	.	.27	.	.	.23	19
20	.	.31	.07	.	-	.10	.	.	.	.	.	.	20
21	.	.16	.	.	.	.15	.	.	.	.01	.	.	21
22	.	.23	.03	.04	.31	.46	.	.08	.	.03	.	.	22
23	-	.02	.13	.05	.05	.01	.05	.	.	.	.	.	23
24	.12	.	.11	.15	.01	.01	.55	.10	.	.	.47	.	24
25	.03	.	-	.	.06	.	.26	.30	.	.66	.05	.45	25
26	-	.	.08	.	.06	.	.11	.02	.	.17	.28	.14	26
27	.09	.	-	.	.	.	.	-	.	.45	.28	.51	27
28	.05	.03	.29	.	.06	.	-	.03	.01	.10	.30	.04	28
29	.11	X	.08	.	.14	.	.08	.03	.	.	.20	.01	29
30	.01	X	.27	.	.	.	.	.	.	.	.18	.04	30
31	.22	X	.08	X	.03	X	.50	.	X	.08	X	-	31
Total	2.41	2.16	3.80	1.02	2.14	1.34	5.86	1.85	3.23	1.86	4.10	4.03	YEAR'S TOTAL 33.80
Rain Days.	17	16	27	11	18	13	20	15	13	12	19	22	203

W. 8,000. X. 14.

3225

FORM A.
BRITISH RAINFALL
4. JAN 1916

REGISTER OF RAINFALL IN 1915

Kept at Rose Cottage - St Michael's-on-Wyre
in the County of Lancashire
by John Moss

Lat. — Long. —
Time of Observation 9 a.m
Nearest Railway Station Brock. L&N.W
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 27 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. —

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.33	.46	.02	-	.20	-	.19	.09	.01	-	-	.04	1
2	-	.55	.41	.30	-	-	.39	.19	-	-	-	.01	2
3	.33	.03	.24	.65	-	-	.47	.01	-	-	-	.23	3
4	.03	.33	.06	-	.18	.14	-	-	-	-	-	.60	4
5	.19	.13	.13	-	.02	-	-	.08	-	-	-	1.37	5
6	.19	.05	.04	.27	-	-	.95	.04	-	.03	-	.18	6
7	.83	.42	-	.11	-	-	.36	.58	-	-	-	.08	7
8	.20	.09	-	.12	-	-	-	.14	-	-	.55	-	8
9	-	.10	-	-	-	-	-	.03	-	-	.23	.29	9
10	.59	-	.15	.09	-	-	-	.30	-	.02	.03	.24	10
11	.02	-	.08	-	.42	-	.12	-	-	-	.02	.53	11
12	.34	-	.01	-	-	-	.03	.07	-	.33	.28	.02	12
13	.05	.01	-	-	-	-	-	.34	-	.02	-	.03	13
14	.09	-	-	.15	-	-	.19	1.75	.02	.05	-	.10	14
15	.65	-	-	.06	-	-	-	.01	.02	-	.57	.42	15
16	-	.33	-	.04	.08	-	.34	.93	-	-	-	.01	16
17	-	.15	.05	-	-	-	-	-	-	-	-	.13	17
18	.01	.24	.08	-	-	-	-	-	-	-	-	-	18
19	-	.09	.04	.06	.17	-	.24	-	-	.02	-	-	19
20	.16	-	.02	.01	.03	-	.01	.01	-	-	-	.30	20
21	.09	.12	-	.23	-	-	-	.05	-	-	-	.22	21
22	-	-	.04	-	-	.16	.02	-	-	-	-	.17	22
23	-	.05	.09	.05	-	.08	-	-	.07	.27	-	.20	23
24	-	-	.04	.03	-	-	-	-	.30	.08	-	.34	24
25	-	-	-	-	-	.43	-	-	.12	-	-	.23	25
26	-	.40	-	-	-	.22	.17	-	-	-	-	.43	26
27	-	.09	-	-	-	.02	.22	-	-	.46	-	.13	27
28	-	.12	-	-	.07	.61	-	.44	-	.09	-	.02	28
29	-	X	-	-	.06	-	-	.05	-	-	.15	.11	29
30	.14	X	-	.46	-	-	-	-	-	-	-	-	30
31	-	X	-	X	-	X	-	.56	X	-	X	.29	31
Total	4.24	3.76	1.50	2.63	1.23	1.66	3.70	5.67	.54	1.37	1.83	6.72	YEAR'S TOTAL 34.85
Rain Days.	17	19	16	15	9	7	14	19	6	10	7	27	166

W. 8,000. X. 15.

3155

FORM A.
BRITISH RAINFALL.

4 JAN 1917

REGISTER OF RAINFALL IN 1916

Kept at Rose Cottage - St. Michael's on Wyre
in the County of Lancashire
by John Moss

Lat. 53°-51′ Long. 2°-49′ W.
Time of Observation 9 a.m
Nearest Railway Station Brock L.N.W.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 27 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.06	.02	.15	-	-	.11	.17	-	-	.03	.04	-	1
2	.14	.25	.04	-	-	.10	-	-	.39	.19	.04	.04	2
3	-	.03	-	.07	-	.04	-	-	.66	.38	.06	-	3
4	.04	.03	-	-	.49	.60	.04	-	.11	.32	.17	-	4
5	.25	.34	-	-	.22	.19	-	-	-	.54	.28	-	5
6	.38	.25	-	-	.29	.03	.15	-	-	.02	.33	.08	6
7	-	.07	-	-	.07	.04	.37	-	.02	.10	.05	.30	7
8	.03	.10	-	-	-	.64	.01	-	-	-	.10	.08	8
9	.11	-	-	-	.28	.32	-	-	-	.02	.05	.10	9
10	.02	.29	-	.24	.01	.02	.05	-	-	.02	.02	-	10
11	.08	.29	.01	.69	.01	.01	.12	-	.09	.23	-	.05	11
12	.04	.18	.03	.02	.37	-	.57	.05	.03	.09	-	-	12
13	-	.09	.10	.11	.01	-	.01	.22	.01	.79	.01	.06	13
14	.02	.22	-	.14	.20	-	-	.74	.06	.08	-	-	14
15	-	.20	.23	.08	-	-	.12	1.23	.10	.05	-	-	15
16	.01	.18	.28	.25	-	-	.08	.19	-	.11	-	-	16
17	.15	.19	-	.33	-	-	.01	.07	.91	.16	-	-	17
18	.09	.20	-	.06	-	-	.02	.15	.27	.16	.08	.06	18
19	.07	-	.15	.11	-	-	-	.14	.03	-	.04	-	19
20	.19	-	.39	.64	-	-	-	-	-	-	.17	.10	20
21	.03	-	.02	.03	.09	-	.03	-	-	-	.03	-	21
22	-	-	-	-	-	.13	-	-	-	.15	.01	-	22
23	.03	-	.08	.07	-	.01	-	.04	-	.05	.20	.32	23
24	-	-	-	-	.02	-	-	.27	-	.08	.08	-	24
25	.03	-	.08	-	.21	.07	-	.28	.02	-	.28	.03	25
26	.06	-	.06	-	-	.02	-	-	-	.05	.02	[illegible]	26
27	-	.10	-	-	.04	.23	-	-	.05	.37	-	.03	27
28	.03	.01	-	-	-	-	-	-	-	.44	.06	.42	28
29	.01	.04	-	-	-	.22	-	-	-	.34	.01	.47	29
30	.06	×	-	-	-	.05	.02	-	-	.51	-	.03	30
31	-	×	-	×	.20	×	-	.26	×	.20	×	.18	31
Total	1·93	3.08	1.62	2.84	2.51	2.83	1·77	3.64	2·75	5.48	2.13	2·35	YEAR'S TOTAL 32·93
Rain Days.	23	20	13	14	15	18	15	12	14	26	22	16	208

W. 8,000, VIII. 16

3005

cnd for auth

REGISTER OF RAINFALL IN 1917

FORM A.
BRITISH RAINFALL

5 JAN

Kept at Rose Cottage St. Michael's-on-Wyre

in the County of N. Lancashire

by John Moss.

Lat. Long.

Time of Observation 9 a.m.

Nearest Railway Station Brock. L & N.W.

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

" " " " Sea Level 27 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·01	-				·02		·04	·14		·18	·19	1
2	·50	-		·07				·01		·03	·03	·01	2
3	·02	·17	—			·58				·46	·15	·06	3
4	·18	·04								·52	·01	·01	4
5	·23	-	·11	·21					·02	·27	·19	·02	5
6	·04	-				·17				·45	·20	·07	6
7	·58	-	—			·15				·63	·17	·04	7
8	·11	-		·19		·02		·35	·01	·72	·15	·21	8
9	-	-		·12				·32		·12	·03		9
10	·26	-	·84	·19	·11			·21			·18		10
11	·18	-			·07			·51		·44	·03		11
12	·05	-	·08	·02	·61			·01	·04	·96		·05	12
13	-	-		·07		·03		·05	·77	·02	·10	·29	13
14	·03	-		·07	·05			·37		·08	·01	·31	14
15	-	-		·04					·45	·03	·01	·29	15
16	-	-		·19				·75		·01	·02	·03	16
17	-	-	·18	·32	·03		·05	1·35	·45	·07	-		17
18	·02	-	·08	·06	·02		·50	·02	·55	·01	·		18
19	·02	·04	·32	·01	·48	·07				-	·01	·03	19
20	-	·70	·03		·11	·55		·08	·05	-	·36		20
21	-	·02			·30			·04		·05	·02		21
22	-	-	·04					·34	·06	·23	·06		22
23	-	·14			·22	·40		·28	·07	·32	·03	·03	23
24	-	·01	·01			·04	·13	·10	-	·29	·09		24
25	-	·07	·03					·12	·21	·09	·07		25
26	-	-						1·08	·33	·16	·93		26
27	·	-	·16	·01	·27	·13	·48	·36		·23	·01		27
28	·	·01	·13				·04	·23		·09			28
29	-	-	·02				·01	·03		·37			29
30	·	✕	·23					·05		·03	·32		30
31	-	✕	·16	✕	·07	✕		·57	✕		✕		31
Total	2·23	1·20	2·42	1·57	2·34	2·16	1·21	7·27 ~~7·42~~	3·15	6·68 6·67	3·36	1·64	YEAR'S TOTAL 35·23 ~~35·37~~
Rain Days.	14	9	15	14	12	11	6	24	13	26	25	15	184

W. 8,000, IX. 17.

REGISTER OF RAINFALL IN 1918

FORM A.
BRITISH RAINFALL.

Kept at Rose Cottage - St. Michael's - on - Wyre
in the County of N Lancashire
by John Moss.

Lat. —— Long. ——
Time of Observation 9 a.m.
Nearest Railway Station Brock. L & N.W.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground ~~2~~1 ft. - in.
" " " " Sea Level 27 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	-	.21	-	.10	-	-	.	-	.58	.11	.17	.39	1
2	-	.07	-	.02	-	.	-	-	.12	.01	.03	.58	2
3	.03	.06	-	.08	.51	-	.	-	-	.34	.03	.01	3
4	.05	.08	-	-	.03	-	.	.15	.64	.33	.18	.04	4
5	.01	-	.	.03	.20	-	-	.81	.15	.45	.05	.02	5
6	.04	.56	.	.40	-	.52	-	.04	-	.09	-	-	6
7	-	.12	-	.01	-	.	-	.05	.04	.02	.12	.03	7
8	.19	.05	.06	-	.03	-	.25	.01	.67	.20	-	.01	8
9	.04	.43	-	.08	-	.29	-	.	.90	.54	.19	.07	9
10	-	.25	.03	.03	-	-	.05	.	.69	.21	.11	.07	10
11	.25	.15	.08	.07	.11	-	.02	.02	.41	-	-	.35	11
12	.18	.33	-	.03	.01	-	.10	-	.35	.03	-	.13	12
13	-	.01	-	.01	.11	-	-	-	.27	.20	-	-	13
14	.72	-	-	-	-	-	.15	.01	.19	.05	-	.24	14
15	.03	-	-	-	-	.02	.35	-	.97	.09	-	.96	15
16	.01	.	-	-	-	.17	.60	.12	.30	-	-	.28	16
17	.24	-	-	-	.05	.16	.33	.10	.03	.19	-	.26	17
18	.25	-	.18	-	-	.07	.18	.01	.19	-	-	.58	18
19	.20	.10	.17	.07	-	-	.38	.36	.22	.18	-	.77	19
20	.21	.63	-	.66	.16	.11	2.31	.	.15	-	-	-	20
21	.28	.06	-	.	.01	.07	.03	-	.69	-	-	.04	21
22	.18	-	-	-	.67	.03	.15	-	.32	-	-	.59	22
23	.11	.01	-	-	.34	-	.60	-	.04	-	.02	.13	23
24	.03	.13	-	-	-	-	.02	.23	.22	.03	.08	.18	24
25	-	.	-	-	.11	-	.43	1.15	.29	-	.02	-	25
26	.	.	-	-	-	.11	-	.04	.47	.10	.47	.06	26
27	.	.08	.43	-	-	.07	-	1.09	.21	.02	.03	.53	27
28	.	.02	.15	-	-	-	.	-	.04	-	.13	.34	28
29	.	-	-	-	-	-	-	.01	.19	-	-	.31	29
30	.	X	-	-	.	-	.	.02	.07	-	.26	.14	30
31	.	X	.26	X	-	X	-	.30	X	.03	X	.03	31
Total	3.05	3.35	1.36	1.59	2.34	1.62	5.85	4.42	9.31	3.12	1.89	7.34	YEAR'S TOTAL 45.24
Rain Days.	19	19	8	13	13	11	16	18	28	20	15	27	207

W. 8,000, IX. 17.

[illegible]

3 JAN 20

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

REGISTER OF RAINFALL IN 1919.

Kept at Rose Cottage. St Michael's-on-Wyre
in the County of Lancashire
by John Moss.

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Brock. L.N.W.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 27 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·02

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·33	.	·03	.	·47	-	·13	·04	·80	·62	-	·10	1
2	·17	.	·42	.	·13	.	·09	.	-	·02	-	·14	2
3	·27	.	-	.	·15	·24	·06	·02	.	-	·01	·13	3
4	·30	.	·33	.	·02	·04	·17	·42	·05	-	·01	·05	4
5	-	.	-	.	(·41)	-	-	.	·10	·01	.	·20	5
6	·13	-	·42	-	·12	.	.	-	·08	-	.	·05	6
7	·01	.	·11	·13	·02	.	-	-	·01	-	.	.	7
8	·14	-	·05	·01	·02	-	-	·01	.	-	.	-	8
9	·39	-	-	·02	-	·03	-	-	-	-	-	-	9
10	-	.	·64	·15	-	-	-	.	-	·05	.	·11	10
11	·14	.	·45	·05	·02	-	·20	.	·03	·14	.	·01	11
12	·02	-	·03	[illegible]	-	·14	-	.	-	·18	·05	-	12
13	·29	-	-	·24	-	.	·06	·04	-	·40	-	·15	13
14	·31	·14	-	·16	-	.	-	-	-	·17	-	·11	14
15	·43	·03	-	·11	-	-	-	-	.	-	.	·46	15
16	·09	.	-	-	.	·09	-	-	-	·01	·28	·01	16
17	·05	.	-	·07	-	·05	.	·83	·04	-	·43	·02	17
18	-	-	·52	.	-	-	·24	·43	·11	-	·03	·27	18
19	·03	·46	·85	-	.	·47	·02	·46	·26	-	·14	·14	19
20	·34	·22	·03	-	.	·11	-	·06	·01	.	·08	·18	20
21	·04	·31	.	-	-	-	·18	·02	·18	.	·07	·24	21
22	-	·21	.	-	.	·22	-	·04	·32	·01	·05	·80	22
23	.	.	-	.	.	·09	-	·02	-	·85	·02	·06	23
24	·11	-	.	·14	·36	.	-	·07	·14	·02	·20	·80	24
25	·25	·01	.	·19	-	·03	-	·68	·16	.	·14	-	25
26	·16	-	·36	·19	-	·10	-	·63	·05	.	·01	·34	26
27	·10	.	·01	·04	-	·02	-	·04	-	.	·01	·02	27
28	-	-	-	-	-	-	-	·56	-	-	-	·36	28
29	.	-	-	·02	-	-	.	·06	·08	·07	-	·23	29
30	-	X	·10	·20	-	·13	-	-	-	·03	·20	·50	30
31	-	X	·04	X	-	X	·29	·01	X	-	X	·06	31
Total	4·10	1·38	4·39	1·72	1.72	1·76	1·44	4·44	2·42	2·58	1·73	5·54	Year's Total 33.22
Days with ·01 in. or more	22	7	16	15	10	14	10	19	16	14	16	26	185

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

2736

8 JAN 1921

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Rose Cottage – St Michael's-on-Wyre
in the County of Lancaster
by John Moss.

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Brock. L & N. W.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 27 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·02			·19	·37		·55	·08	·14	·05		·18	1
2				·11	·01		·36	·03	·42	·15		·18	2
3		·10	·14	·01	·09		·91		·26	·11		·17	3
4				·05	·02		·09	·67	·01	·16			4
5		·02	·06		·71		·13	·15	·11	·30	·09		5
6			·31	·25	·28			·03	·02		·02		6
7	·07	·11	·11		·04		·32		·03		·01		7
8	·14	·06		·25	·20		·04	·28			·05	·06	8
9	·28	·29	·06	·43			·08		·06			·02	9
10	·42	·09	·05	·08			·05						10
11	·13	·02	·04	·01	·49	·66					·04	·01	11
12	·18	·06	·11	·28		·09	·14		·05		·03	·05	12
13	·25	·07	·05	·05	·01	·70	·01				·14	·04	13
14		·16	·20	·25		·23	·18		·32	·29	·43		14
15		·17		·68			·01		·01	·12	·05		15
16		·01	·06	·01	·15	·02	·38		·27		·04		16
17	·03		·05		·38		·07	·13	·19	·03	·04		17
18	·30	·02		·11	·29	·06		·04	·34				18
19		·59		·07	·12	·10	·13	·01	·06				19
20	·20			·28			·04		·21			·16	20
21	·02			·01			·34	·01				·09	21
22	·17			·32		·03	·50	·07				·09	22
23			·16	·23			·19	·05				·28	23
24	·09		·70	·03		·06	·12	·01				·60	24
25		·14	·04	·03	·01		·61					·02	25
26	·15	·05	·59	·36	·02		·08				·05	·04	26
27	·13	·01	·11	·05	·28	·73	·08				·10	·01	27
28	·26	·03	·27	·19	·03	·14	·03				·01	·22	28
29	·13	·02	·16		·66	·03	·28				·17	·39	29
30	·19	✕	·07	·02	·11	·15			·56		·17	·27	30
31	·17	✕	·03	✕	·11	✕	·05	·14	✕	·06	✕	·01	31
Total	3·33	2·02	3·37	4·35	4·38	3·00	5·77	1·70	3·06	1·27	1·44	2·89	Year's Total 36·58
Days with ·01 in. or more	20	19	21	26	21	13	27	14	17	9	16	20	223
Days with ·04 in. or more	17	12	20	19	15	10	24	9	13	8	12	15	174

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

ST MICHAELS ON WYRE

1919

FORM A.
BRITISH RAINFALL.
2.1.19

REGI

Kept at St Michael ... a.m

in the County of N Lan ... Brock

by Archdeacon ...

n Gauge 5 in.

ove Ground 1 ft. - in.

Sea Level 26 ft.

IMPORTANT NOTE. ... d the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	-	.21	-	.05	-	-	-	-	.48	.10	.22	.40	1
2	-	.07	-	.04	-	-	-	-	.10	.03	.07	.70	2
3	.01	.05	-	-	.54	-	-	-	.02	.36	.02	-	3
4	.04	.08	-	-	.01	-	-	.05	.58	.42	.26	.04	4
5	-	-	.01	.13	.20	-	-	.79	.05	.54	.05	.02	5
6	.03	.58	-	.29	-	.53	-	.01	-	.20	-	-	6
7	.01	.15	-	-	.01	-	-	.04	.08	.01	.17	.02	7
8	.14	.05	.05	-	-	.09	.25	-	.61	.22	.01	.01	8
9	.03	.48	-	.07	-	.26	-	-	.79	.66	.12	.07	9
10	.03	.28	.01	.02	-	-	.05	-	.85	.33	.27	.07	10
11	.20	.15	.07	.06	.09	-	.02	.01	.26	-	-	.41	11
12	.12	.37	-	.02	.04	-	.10		.32	.03	-	.13	12
13	-	-	-	.01	.05	-	-		.29	.21	-	.01	13
14	.80	-	-	-	-	.05	.15	.01	.20	.04	-	.24	14
15	.02	-	-	-	-	-	.35	-	.97	.08	-	.98	15
16	-	-	-	-	-	.15	.60	.11	.33	-	-	.26	16
17	.24	-	-	-	.04	.12	.33	.08	.01	.18	-	.29	17
18	.28	.01	.18	-	-	.06	.08	-	.18	-	-	.54	18
19	.20	.13	.17	.09	-	-	.36	.35	.26	.08	-	.82	19
20	.23	.61	-	.12	.14	.17	2.16		.17	-	-	-	20
21	.29	.07	-	-	-	.08	.02		.83	-	-	.04	21
22	.18	-	-	-	.80	.01	.14		.30	-	-	.65	22
23	.13	-	-	-	.15	-	.57		.03	-	.03	.13	23
24	.05	.09	-	-	-	-	.01	.21	.28	.02	.08	.14	24
25	-	-	-	-	.10	.09	.43	1.05	.42	-	.02	-	25
26	-	-	-	-	-	-	-	.05	.37	.14	.50	.68	26
27	-	.06	.48	-	-	.06	-	1.00	.18	.03	.21	.49	27
28	-	.01	.15	-	-	-	-	-	.04	-	.12	.57	28
29	-		-	-	-	-	-	.03	.21	-	-	.33	29
30	-		.27	-	-	-	-	.04	.06	-	.30	.14	30
31	-		.09		-			.25		.03		.03	31
Total	3.03	3.45	1.48	0.90	2.17	1.67	5.62	4.08	9.27	3.71	2.45	7.67	YEAR'S TOTAL 45.44
Rain Days.	19	18	10	11	12	12	16	16	29	20	16	27	206

W. 8,000, VIII. 16

REGI

FORM A.
BRITISH RAINFALL.
2.1.19

Kept at St Michaels on Wyre
in the County of N Lancashire
by Archdeacon Hornby

Time of Observation 9 a.m
Nearest Railway Station Brock
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 26 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
1	-	.21	-	.05	-	-	-	-	.48	.10	.22	.40	1
2	-	.07	-	.04	-	-	-	-	.10	.03	.07	.70	2
3	.01	.05	-	-	.54	-	-	-	.02	.36	.02	-	3
4	.04	.08	-	-	.01	-	-	.05	.58	.42	.26	.04	4
5	-	-	.01	.13	.20	-	-	.79	.05	.54	.05	.02	5
6	.03	.58	-	.29	-	.53	-	.01	-	.20	-	-	6
7	.01	.15	-	-	.01	-	-	.04	.08	.01	.17	.02	7
8	.14	.05	.05	-	-	.09	.25	-	.61	.22	.01	.01	8
9	.03	.48	-	.07	-	.26	-	-	.79	.66	.12	.07	9
10	.03	.28	.01	.02	-	-	.05	-	.85	.33	.27	.07	10
11	.20	.15	.07	.06	.09	-	.02	.01	.26	-	-	.41	11
12	.12	.37	-	.02	.04	-	.10		.32	.03	-	.13	12
13	-	-	-	.01	.05	-	-		.29	.21	-	.01	13
14	.80	-	-	-	-	.05	.15	.01	.20	.04	-	.24	14
15	.02	-	-	-	-	-	.35	-	.97	.08	-	.98	15
16	-	-	-	-	-	.15	.60	.11	.33	-	-	.26	16
17	.24	-	-	-	.04	.12	.33	.08	.01	.18	-	.29	17
18	.28	.01	.18	-	-	.06	.08	-	.18	-	-	.54	18
19	.20	.13	.17	.09	-	-	.36	.35	.26	.08	-	.82	19
20	.23	.61	-	.12	.14	.17	2.16		.17	-	-	-	20
21	.29	.07	-	-	-	.08	.02		.83	-	-	.04	21
22	.18	-	-	-	.80	.01	.14		.30	-	-	.65	22
23	.13	-	-	-	.15	-	.57		.03	-	.03	.13	23
24	.05	.09	-	-	-	-	.01	.21	.28	.02	.08	.14	24
25	-	-	-	-	.10	.09	.43	1.05	.42	-	.02	-	25
26	-	-	-	-	-	-	-	.05	.37	.14	.50	.68	26
27	-	.06	.48	-	-	.06	-	1.00	.18	.03	.21	.49	27
28	-	.01	.15	-	-	-	-	-	.04	-	.12	.57	28
29	-	X	-	-	-	-	-	.03	.21	-	-	.33	29
30	-	X	.27	-	-	-	-	.04	.06	-	.30	.14	30
31	-	X	.09	X	-	X		.25	X	.03	X	.03	31
Total	3.03	3.45	1.48	0.90	2.17	1.67	5.62	4.08	9.27	3.71	2.45	7.67	YEAR'S TOTAL 45.44
Rain Days.	19	18	10	11	12	12	16	16	29	20	16	27	206

W. 8,000, VIII. 16

Churn Clo

Entd

2983

~~SABDEN~~

CHURN CLOUGH RES.

1918 – 20

wdlyobs.

Lancs 1

	Jany	Feby	Mar.									
1	0·01	0·20	0·01									
2	/	0·10	/									
3	/	0·02	/									
4	0·07	/	0·02									
5	0·01	0·01	0·06	0·26	0·19	0·32	/	0·83	0·04	0·71	0·09	0·01
6	0·14	1·28	/	0·35	/	0·01	/	0·10	/	0·25	/	0·02
7	/	0·22	/	0·16	0·10	/	/	0·05	0·19	0·26	0·35	/
8	/	0·12	/	/	/	/	0·38	0·03	0·92	0·18	0·07	0·03
9	0·47	0·51	/	0·03	/	0·27	0·17	/	1·03	0·70	0·04	0·11
10	0·06	$\overset{1}{\cancel{0}}$·19	0·01	/	/	/	0·07	/	0·20	0·13	0·49	0·03
11	0·33	0·28	0·02	0·07	0·07	* /	0·$\overset{4}{0}$4	0·01	0·37	/	/	0·32
12	0·02	0·44	/	0·01	0·04	/	0·02	/	0·28	0·03	/	0·32
13	/	0·01	/	0·04	0·27	0·03	0·15	/	0·35	0·49	/	0·02
14	0·68	8	/	/	0·01	0·08	/	0·01	0·58	0·15	/	0·30
15	0·07	/	/	/	/	0·10	0·49	/	1·95	/	/	0·65
16	0·07	/	/	/	0·01	0·38	0·20	0·40	0·41	0·01	/	0·35
17	0·31	/	/	/	/	0·01	0·55	0·31	0·04	/	/	0·14
18	0·50	/	0·10	/	/	0·18	0·28	0·03	0·39	0·46	/	0·45
19	/	0·12	0·17	0·07	/	/	0·36	0·55	0·32	0·07	/	0·78
20	0·12	0·71	/	0·10	/	0·15	0·16	0·04	0·20	/	/	/
21	0·17	0·43	/	/	0·04	0·25	/	/	0·87	0·01	/	/
22	0·15	0·04	/	/	0·22	0·15	0·16	0·05	0·28	/	/	0·89
23	0·08	0·01	/	/	0·21	0·01	0·39	/	0·17	0·09	0·11	0·06
24	0·07	0·20	/	/	/	0·01	0·37	0·09	0·18	/	0·09	0·02
25	/	0·02	/	/	0·09	1·48	0·22	0·57	0·30	/	0·01	/
26	/	0·16	/	/	/	/	0·03	0·06	0·55	0·17	0·66	0·07
27	/	0·13	0·47	/	/	0·13	/	0·78	1·18	0·17	0·20	0·84
28	/	0·07	0·27	/	/	/	/	0·12	0·10	/	0·09	0·96
29	/	/	/	/	/	/	/	0·03	0·12	/	/	0·50
30	/	/	0·19	/	/	/	/	0·53	/	0·08	/	0·32
31	/	/	0·11	/	/	/	/	0·09	/	/	0·29	/
Total.	3·33	~~6·27~~ 6·27	1·43	1·12	1·92	3·56	4·44	4·74	12·81	5·15	3·38	8·71

Nov 2nd
G. moved
to bad
position.

Total for the 12 months.
stet ~~56·86~~ Inches
Jany 1st to Dec 31st 1918.

Churn Clough

Entd

…wdlyobs.

3 - JAN 921

W C

Reservoir ~~Gauge~~ Gauge 1918

Lanes!

	Jany	Feby	Mar.	April	May	June	July	Aug.	Sept	Oct	Nov.	Dec
1	0·01	0·20	0·01	0·02	/	/	/	/	0·85	0·12	0·43	0·74
2	/	0·10	/	0·01	/	/	/	/	0·30	0·80	/	060
3	/	0·02	/	/	0·64	/	/	/	0·01	066	003	005
4	0·07	/	0·02	/	0·03	/	/	0·06	0·63	023	0·43	013
5	0·01	0·01	0·06	0·26	0·19	0·32	/	0·83	004	071	009	001
6	0·14	1·28	/	0·35	/	001	/	0·10	/	025	/	002
7	/	022	/	0·16	0·10	/	/	0·05	0·19	026	035	/
8	/	0·12	/	/	/	/	0·38	0·03	0·92	018	007	003
9	0·47	0·51	/	003	/	027	0·17	/	1·03	0·70	004	011
10	0·06	$\overset{1}{\cancel{0}}$·19	0·01	/	/	/	0·07	/	0·20	013	049	003
11	033	0·28	0·02	0·07	0·07	/	0·$\overset{4}{0}$4	0·01	0·37	/	/	032
12	0·02	0·44	/	0·01	004	/	0·02	/	0·28	003	/	0·32
13	/	0·01	/	004	0·27	003	0·15	/	0·35	049	/	002
14	0·68	8	/	/	0·01	008	/	0·01	0·58	015	/	030
15	0·07	/	/	/	/	010	0·49	/	1·95	/	/	065
16	0·07	/	/	/	001	038	0·20	040	0·41	001	/	035
17	0·31	/	/	/	/	001	0·55	0·31	0·04	/	/	014
18	0·50	/	0·10	/	/	018	0·28	003	0·39	046	/	045
19	/	0·12	0·17	0·07	/	/	0·36	0·55	0·32	007	/	078
20	0·12	0·71	/	0·10	/	015	0·16	0·04	0·20	/	/	/
21	0·17	0·43	/	/	0·04	025	/	/	0·87	001	/	/
22	0·15	0·04	/	/	0·22	015	0·16	005	0·28	/	/	089
23	0·08	0·01	/	/	0·21	001	0·39	/	0·17	009	0·11	006
24	0·07	0·20	/	/	/	0·01	0·37	009	0·18	/	009	002
25	/	002	/	/	0·09	1·48	0·22	057	0·30	/	001	/
26	/	0·16	/	/	/	/	0·03	006	0·55	017	066	007
27	/	0·13	0·47	/	/	0·13	/	078	1·18	017	020	084
28	/	0·07	027	/	/	/	/	012	0·10	/	009	096
29	/	/	/	/	/	/	/	0·03	0·12	/	/	050
30	/	/	0·19	/	/	/	/	053	/	008	/	032
31	/	/	0·11	/	/	/	/	009	/	/	029	/
Total.	3·33	~~6·27~~ 6·27	1·43.	1·12	1·92	3·56	4·44	4·74.	12·81.	5·15	3·38.	8·71

Nov 24th
G. moved
to bad
position.

Total for the 12 months.
56·86 Inches
Jany 1st to Dec 31st 1918.

B.R.
FORM C 1

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

PLEASE fill in name of place and month.

RAINFALL at....Churn Clough....in the County of....Lancaster

In the Month of....July....~~192~~ 1918.

Date.	Inches.	Remarks on the Days.
1		
2		
3		
4		
5		
6		
7		
8	0·38	
9	0·17	
10	0·07	←
11	0·44	
12	0·02	
13	0·15	
14		
15	0·49	
16	0·20	
17	0·55	
18	0·28	
19	0·36	
20	0·16	
21		
22	0·16	
23	0·39	
24	0·37	
25	0·22	
26	0·03	
27		
28		
29		
30		
31		
TOTAL	4·44	

Days with ·01 in. or more..........

Days with ·04 in. or more........

1st of following month.

NOTE.—Observations returned on this form should be made at 9 a.m. daily, and entered *to the day preceding* that on which the amount is measured. If this is not done the reading on 1st of following month should be entered in the triangular space below.

Records taken in millimetres should not be entered on this form.

PRINTED PAPER.

ADDITIONAL REMARKS.

SIGNED........R. Ratcliffe.........

No writing on this side of the line.

POSTAGE ½D.
or, if containing
anything in the
nature of a letter
1D.

THE SUPERINTENDENT,
British Rainfall Organization,
62, Camden Square,
LONDON, N.W. 1.

"Reservoir Gauge" Copyd for with agreed by Obs.

JAN

FORM A. 1. METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN ~~192~~ 1919.

Kept at Churn Clough

in the County of

by

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

W D right day

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		~~0·01~~		~~0·05~~									1
1 2	0·35		0·02		~~[illegible]~~								2
2 3	0·25		0·14					0·26					3
3 4	0·08		0·04										4
4 5	0·40		0·14		0·90					0·39			5
5 6	0·47	0·02	0·14				1·49						6
6 7	0·07		0·67	0·06					1·22			1·14	7
7 8	0·04		0·32										8
8 9	0·13		0·03			0·27					0·37		9
9 10	0·32		0·12					0·22					10
10 11	0·01		1·31										11
11 12	0·02		1·00		1·00					0·07			12
12 13			0·71				0·27						13
13 14	0·26			0·60					none			0·19	14
14 15	0·32												15
15 16	0·15	0·09				0·16					0·70		16
16 17	0·10	0·27						0·23					17
17 18	0·04	0·04											18
18 19		0·02	0·24		0·05					0·36			19
19 20	0·06	0·31	0·35				0·18		0·40				20
20 21	0·23	0·11	0·16	0·64								1·75	21
21 22	0·04	0·34											22
22 23		0·16				0·94					1·61		23
23 24								1·04					24
24 25	0·02												25
25 26	0·22									1·48			26
26 27	0·05	0·00	0·44		0·10		0·21						27
27 28	0·08	0·05	0·01	0·83					1·21			2·42	28
28 29	0·18												29
29 30	0·21					0·52			none		0·69		30
30 31	~~0·10~~		0·08				0·53	2·24		0·68		0·50	31
31	0·01	1·41	0·05	0·19									YEAR'S TOTAL
TOTAL	4·11	1·48	5·97	2·32	2·05	1·89	2·68	3·99	2·83	2·98	3·37	6·00	~~39·65~~ 39·60
Days with ·01 in. or more				1775									
Days with ·04 in. or more													

~~17·80~~ Inches Jany 1st 1919 to June 30th 1919.

21·85 Inches July 1st to Dec. 31st 1919.

(44,283) 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

B. made

~~X~~ PR cord for auth.

20 MAY 20

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1919.

Kept at Churn Clough Reservoir, Sabden

in the County of Lancaster

by Padiham Urban District Council

Lat. 53° 50' 30" Long. 2° 19' 20" W

Time of Observation 10.10 a.m.

Nearest Railway Station Padiham

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 0 ft. 8 in.

" " " " Sea Level 840 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

1919.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.35		0.02										1
2	0.25		0.14										2
3	0.08		0.04					0.26					3
4	0.40		0.14		0.90								4
5	0.47.	0.02	0.14							0.39			5
6	0.07.		0.67	0.06			1.49						6
7	0.04		0.32						1.22			1.14	7
8	0.13		0.03			0.27							8
9	0.32		0.12										9
10	0.01		1.31					0.22			0.37.		10
11	0.02		1.00		1.00								11
12	—		0.71							0.07.			12
13	0.26			0.60			0.27.						13
14	0.32								0.00			0.19	14
15	0.15	0.09				0.16							15
16	0.10	0.27						0.23					16
17	0.04	0.04									0.70		17
18	—	0.02	0.24		0.05								18
19	0.06	0.31	0.35							0.36			19
20	0.23	0.11	0.16	0.64			0.18						20
21	0.04	0.34	—						0.40			1.75	21
22	—	0.16	—			0.94							22
23	—	—	—					1.04					23
24	0.02	—	—								1.61		24
25	0.22	—	—										25
26	0.05	0.05	0.44		0.10					1.48			26
27	0.08	0.05	0.01	0.83			0.21						27
28	0.18	—	—						1.21			2.42	28
29	0.21		—										29
30	—	X	0.08	0.19		0.52		2.24			0.69		30
31	0.01	X	0.05	X		X	0.53		X	0.68	X	0.50	31
TOTAL	4.11 ✓	1.46 ✓	5.97.	2.32 ✓	2.05 ✓	1.89 ✓	2.68 ✓	3.99 ✓	2.83 ✓	2.98 ✓	3.37 ✓	6.00	YEAR'S TOTAL ~~39.64~~ 39.65
Days with ·01 in. or more	26	11	19	5	4	4	5	5	4	5	4	5	

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1920.

21 JAN 1921

Kept at Reservoir, Churn Clough, Sabden

in the County of Lancaster.

by The Padiham Urban District Council.

Lat. 53° 50' 30" Long. 2° 19' 20" W.

Time of Observation 10·10 AM.

Nearest Railway Station Padiham

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground — ft. 8 in.

" " " " Sea Level 840 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2					0·36								2
3	0·03									0·45			3
4				0·56			0·92						4
5									1·42			0·50	5
6						0·06							6
7			0·73								0·20		7
8		0·23						1·58					8
9					1·36								9
10										0·60			10
11	1·76			1·69			1·35						11
12									0·11			0·21	12
13						0·80							13
14			0·44								1·41		14
15		2·82											15
16					0·53			0·24					16
17										0·36			17
18	0·99			0·82			1·48						18
19									0·73			0·13	19
20						0·54							20
21			0·75								0·44		21
22		0·68											22
23					1·30			0·73					23
24													24
25	0·47			1·16			2·84			0·00			25
26									0·13			0·90	26
27						0·75							27
28			1·68										28
29		0·39									0·20		29
30		X		0·91		0·30		0·06	0·25		0·23		30
31	1·17	X	0·31	X	2·06	X	0·94	0·08	X	0·13	X	0·93	31
TOTAL	4·42	4·12	3·94	5·14	5·61	2·45	7·56	2·69	2·64	1·54	2·48	2·67	YEAR'S TOTAL 45·26
Days with ·01 in. or more													
Days with ·04 in. or more													

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

B made

FORM A. 1. METEOROLO ANIZATION.

2 MAY 20

SABDEN

STAINSCOMB

LANCASHIRE

1919 -20

RE 19.

2° 18′ 50″ W

10.30 A.M.

Kept at Stainscomb

Padiham

in the County of

in Gauge 5 in.

by Padiham W

ove Ground 0 ft 8 in.

, Sea Level 1090 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

1919.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2													2
3								0.36.					3
4													4
5										0.43			5
6							1.36.						6
7									1.09			1.24	7
8													8
9													9
10								0.26			0.26		10
11													11
12										0.08			12
13							0.32						13
14									0.00			0.21	14
15													15
16								0.24					16
17											0.60		17
18													18
19										0.39			19
20							0.24.						20
21									0.45			1.90	21
22													22
23								1.085					23
24											1.80		24
25													25
26										1.32			26
27							0.23						27
28									1.38			2.49	28
29													29
30								2.26			0.72		30
31							0.56.			0.56		0.50	31
TOTAL	Rainfall	for	6 Months				2.71	4.205	2.92	2.78	3.38	6.34	~~YEAR~~'S TOTAL ~~22.33~~
Days with ·01 in. or more													

(44,283). Wt.21,958—218. 7500. 10/19. **Gp.132. A.&E.W.**

B made

FORM A. 1. METEOROLOG GANIZATION.

MAY 20

REGISTER OF RAINFALL IN 1919.

Kept at Stainscomb, Sabden
in the County of Lancashire
by Padiham Urban District Council

Lat. 53° 50' 30" Long. 2° 18' 50" W
Time of Observation 10:30 A.M.
Nearest Railway Station Padiham
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 0 ft. 8 in.
" " " " Sea Level 1090 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

1919.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2													2
3								0.36					3
4													4
5										0.43			5
6							1.36						6
7									1.09			1.24	7
8													8
9													9
10								0.26			0.26		10
11													11
12										0.08			12
13							0.32						13
14									0.00			0.21	14
15													15
16								0.24					16
17											0.60		17
18													18
19										0.39			19
20							0.24						20
21									0.45			1.90	21
22													22
23								1.085					23
24											1.80		24
25													25
26										1.32			26
27							0.23						27
28									1.38			2.49	28
29													29
30								2.26			0.72		30
31							0.56			0.56		0.50	31
TOTAL	Rainfall		for	6 Months			2.71	4.205	2.92	2.48	3.38	6.34	~~YEAR~~'S TOTAL ~~22.33~~
Days with ·01 in. or more													

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

3 amts unbrackets est. by Ratcliffe

21 JAN 1921

FORM A. I. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Stainscomb, Sabden

in the County of Lancaster

by The Padiham Urban District Council.

Lat. 53° 50' 45" Long. 2° 17' 30" W

Time of Observation 11. AM.

Nearest Railway Station Padiham

Diameter of Funnel of Rain Gauge 5" in.

Height of top of Gauge above Ground — ft. 8¼ in.

" " " " Sea Level 1070 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2					0·34								2
3										0·49			3
4	0·02			0·56									4
5							0·84		1·47			0·63	5
6						0·04	~~0·84~~						6
7			0·78								0·18		7
8		0·28						1·77					8
9					1·68								9
10										0·59			10
11	1·97			1·25			1·36						11
12	~~1·94~~								(0·12)			0·11	12
13						0·67			Gauge				13
14			0·39						Broken		1·58		14
15		3·16							by				15
16					0·53			0·18	Trespassers.				16
17										0·41			17
18	1·11			0·83			1·60						18
19									(0·80)			0·05	19
20						0·55			Gauge				20
21			0·33						Broken		0·47		21
22		(·44)							by Trespassers				22
23		Bottle of			1·32			0·82					23
24		Rain gauge											24
25	0·50	interfered with by		1·23			2·96			0·00			25
26		Trespassers.							0·12			0·94	26
27						0·80							27
28													28
29		0·50	1·79								0·20		29
30		X		1·27		0·33		0·07	0·24		0·24		30
31	1·00	X	0·30	X	2·23	X	1·10	0·05	X	0·16	X	0·94.	31
TOTAL	4·60	(4·38)	3·59	5·14	6·10	2·39	7·86	2·89	(2·75)	1·65	2·67	2·67	YEAR'S TOTAL (46·69)
Days with ·01 in. or more													
Days with ·04 in. or more													

(44.283). 10/19. (52.638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

B made

Form A. 1. METEORO… …NIZATION.

SABDEN
CO~~CK~~ DOLE
LANCASHIRE

1919

Kept at Cock Do… …° 17.5' W
… A.M.
… Padiham
in the County of… …Gauge 5 in.
… Ground 0 ft. 8¼ in.
by Padiham … Sea Level 1070 ft.

IMPORTANT NO… …entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

1919.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2													2
3								0.40					3
4													4
5										0.47			5
6							1.48						6
7									1.05			1.32	7
8													8
9													9
10								0.29			0.35		10
11													11
12										0.09			12
13							0.29						13
14									0.10			0.20	14
15													15
16								0.26					16
17											0.89		17
18													18
19										0.47.			19
20							0.28						20
21									0.54			2.26	21
22													22
23								1.135					23
24											1.78		24
25													25
26										1.51			26
27							0.25						27
28									1.53			2.58	28
29													29
30		X						2.48			0.74.		30
31		X		X		X	0.65		X	0.69	X	0.52	31
Total	Rainfall		for	6 months.			2.95	4.565	3.22	3.23	3.76	6.88	~~Year~~'s Total 24.60
Days with ·01 in. or more													

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

B made

Form A. 1. **METEOR NIZATION.**

Kept at Cock Dole, Sabden

in the County of Lancashire,

by Padiham Urban District Council

Lat. 53° 50' 45" Long. 2° 17·5' W

Time of Observation 11. A.M.

Nearest Railway Station Padiham

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 0 ft. 8¼ in.

" " " " Sea Level 1070 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

1919.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2													2
3								0·40					3
4													4
5										0·47			5
6							1·48.						6
7									1·05			1·32	7
8													8
9													9
10								0·29			0·35		10
11													11
12										0·09			12
13							0·29						13
14									0·10			0·20	14
15													15
16								0·26					16
17											0·89		17
18													18
19										0·47.			19
20							0·28						20
21									0·54			2·26	21
22													22
23								~~1·135~~					23
24											1·78		24
25													25
26										1·51			26
27							0·25						27
28									1·53			2·58	28
29													29
30		X						2·48			0·74.		30
31		X		X		X	0·65		X	0·69	X	0·52	31
Total	Rainfall	for	6 Months.				2·95	4·565	3·22	3·23	3·76	6·88	~~YEAR~~'S TOTAL 24·60
Days with ·01 in. or more													

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

Cor for WD

R

FORM A2. BRITISH RAINFALL.
16 FEB 1912

SALESBURY SCH.
LANCASHIRE
1911

Kept at Salesbu
in the County of La
by Tom Counse

Funnel in.
Ground ft. 6·5 in.
Sea Level 446·6 ft.
m.
Name Wilpshire for Ribchester.
Distance ¾ ml Direction N.W.

IMPORTANT N the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		–	·44		·90	·08	(20)		–	(·35)	·04	·30	1
2		–	·64		·16	–				(·65)	·52		2
3		–	·34	–	·44	Whit-Week.	–			·20	·28		3
4				–	·58		–		·10	–		·30	4
5				–	–		(·28)	Holidays. (Practically no rain last.)	·02	·50		·18	5
6		–	·60	–			–		–	–	·50	·25	6
7		–	–	·06			–		–		·18	·35	7
8	·46	–	–		–				–		·10	–	8
9	·36	–	·54		–					·02	·21		9
10	·12	–	–	–	–		HOLIDAY.			–	–		10
11	–			–	–		–		·60	–		2·70	11
12	·04			–	–	–	–		·10	–		–	12
13		·20	·26	–		–	–		1·90	–	1·40	–	13
14		·04	–	GOOD FRIDAY.		–	–		–		·30	1·18	14
15	·07	·70	–		·56	–			–		·15	·50	15
16	–	·31	–	Easter Holidays.	–	–				·05	·51		16
17	·06	·50	·10		–	Coronation Week.	·14			–	·30		17
18	–				–		·10		–	–		·90	18
19	–				–		–		–	–		·40	19
20		·25	·20				·12		·80	·51	·20	·05	20
21		·60	–				–		·40		–	–	21
22	·10	·76	–		·16				–		–	·52	22
23	–	·24	–		–					1·05	–		23
24	·20	·64	·08	·20	·50		–			·12	–	Christmas Holidays.	24
25	–			·21	–		·21		·20	·50			25
26	–			·50	–	2·8	–		1·20	·15			26
27		·70	–	·46		·16	–		–	·55	·26		27
28		·36	–	·21		–	–		1·52		–		28
29	–		–		–	·34			·10		–		29
30	–		–		–	·76				1·50	–		30
31	–	·44	–	·90	– ·08	(·20)		–	(·35)	·25 ·04	·30		31
Total	1·41 ✓	~~5·30~~ 5·74	~~3·20~~ 2·76	~~1·64~~ imp	~~3·30~~ 2·48	~~4·14~~ (4·26)	~~·85~~ (·65)	…	~~6·94~~ (7·29)	~~5·80~~ 5·49	~~4·95~~ 5·21	~~7·63~~ imp	TOTAL for year ✓ ~~45·16~~
No. of Rain Days.	~~8~~	~~12~~	~~9~~		7				~~4~~	~~13~~	~~14~~		

W. 8,000, X. '11.

Corᵈ for W

R

FORM A2.
BRITISH RAINFALL.
16 FEB 1912

Kept at Salesbury School (3 m. N. of Blackburn.)
in the County of Lancaster.
by Tom Counsell. A.C.P., F.R.G.S.

RAIN GAUGE
Pattern Jar & Funnel.
Diameter of top 4 in.
Height of top above Ground ft. 6·5 in.
" " " Sea Level 446·6 ft.

Time of Observation 9 a.m.

Nearest Railway Station
Name Wilpshire for Ribchester.
Distance ¾ m. Direction N.W.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		–	·44		·90	·08	(20)		–	(·35)	·04	·30	1
2		–	·64		·16	–				(·65)	·52		2
3		–	·34	–	·44	Whit-Week.	–			·20	·28		3
4				–	·58		–		·10	–		·30	4
5				–	–		(·28)	Holidays. (Practically no rain last.)	·02	·50		·18	5
6		–	·60	–			–		–	–	·50	·25	6
7		–	–	·06			–		–		·18	·35	7
8	·46	–	–		–				–		·10	–	8
9	·36	–	·54		–					·02	·21		9
10	·12	–	–	–	–		HOLIDAY.			–	–		10
11	–			–	–		–		·60	–		2·70	11
12	·04			–	–	–	–		·10	–		–	12
13		·20	·26	–	·	–	–		1·90	–	1·40	–	13
14		·04	–	GOOD FRIDAY.		–	–		–		·30	1·18	14
15	·07	·70	–	Easter Holidays.	·56	–			–		·15	·50	15
16	–	·31	–		–	–				·05	·51		16
17	·06	·50	·10		–	Coronation Week.	·14			–	·30		17
18	–				–		·10		–	–		·90	18
19	–				–		–		–	–		·40	19
20		·25	·20				·12		·80	·51	·20	·05	20
21		·60	–				–		·40		–	–	21
22	·10	·76	–		·16				–		–	·52	22
23	–	·24	–		–					1·05	–		23
24	·20	·64	·08	·20	·50		–			·12	–	Christmas Holidays.	24
25	–			·21	–		·21		·20	·50			25
26	–			·50	–	2·8	–		1·20	·15			26
27		·70	–	·46		·16	–		–	·55	·26		27
28		·36	–	·21		–	–		1·52		–		28
29	–		–		–	·34			·10		–		29
30	–		–		–	·76				1·50	–		30
31	–	·44	–	·90	– ·08	(·20)		–	(·35)	·25 ·04	·30		31
Total	1·41	~~5·30~~	~~3·20~~	~~1·64~~	~~3·30~~	~~4·14~~	~~·85~~		~~6·94~~	~~5·80~~	~~4·95~~	~~7·63~~	TOTAL for year
	✓	5·74	2·76	inp	2·48	(4·26)	(·65)	. . .	(7·29)	5·49	5·21	inp	~~45·16~~
No. of Rain Days.	~~8~~	~~12~~	~~9~~		~~7~~				~~4~~	~~13~~	~~14~~		

W. 8,000, X. '11.

SCARISBRICK

LANCASHIRE

1915 - 20

REG

FORM A.
BRITISH RAINFALL.
24 JAN 1916

Kept at Scaris ... kirk.
in the County of La ... inches
by John ... 1 ft. 0 in.
...evel 69 ft.

IMPORTANT NO... ...sult entered to the previous day. If an Observer prefers ... rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1			·01	—	·21	—	·17	·07	·01	·01	—	·08	1
2			·28	·30	—	·10	·11	·25	—	—	—	·01	2
3			·04	·36	—	·01	·45	—	·01	—	—	·35	3
4		Said to commence with March 1/15	—	—	·22	·13	·01	—	—	—	—	·63	4
5			·16	—	—	·04	—	·01	·01	—	—	·82	5
6			·01	~~·26~~ ·26	—	—	·55	·07	—	·01	—	·20	6
7			—	·02	—	—	·31	·50	—	—	·01	·04	7
8			—	·19	—	—	—	·23	—	—	·43	—	8
9			—	·20	—	—	·01	·01	—	—	·25	·44	9
10			·16	·11	—	—	·01	·20	—	—	·05	·13	10
11			—	—	·32	—	—	·03	—	·01	·17	·13	11
12			—	·07	·08	—	—	·04	—	·13	·34	—	12
13			—	·05	—	—	—	·27	—	—	·19	·06	13
14			—	·07	—	—	·02	·38	·15	·01	—	·07	14
15			—	—	—	—	—	·01	·01	~~·01~~ —	·31	·38	15
16			—	—	·21	—	·43	·55	—	—	—	·01	16
17			·08	—	—	—	—	·08	—	—	—	·03	17
18			·02	—	—	—	—	—	—	—	—	—	18
19			·04	·02	·09	—	·16	—	—	·01	—	—	19
20			·02	—	·03	—	·01	·01	—	—	—	·23	20
21			—	·24	—	—	·27	—	—	—	—	·24	21
22			·01	—	—	·22	·17	—	·01	·03	—	·06	22
23			·04	·02	—	·06	·01	—	·04	42	—	·21	23
24			·14	·01	—	—	—	—	·36	·11	·01	·33	24
25			—	—	—	·50	—	—	·13	—	—	·34	25
26			—	—	—	·23	·32	—	·04	—	—	·30	26
27			—	—	—	·01	·51	—	—	·33	—	·16	27
28			—	—	·01	·31	·01	·48	—	·57	—	—	28
29			—	—	·05	—	—	—	—	·01	·06	·07	29
30		✕	—	·20	—	—	—	—	—	·04	·02	—	30
31		✕	—	✕	—	✕	·02	·50	✕	·02	✕	·26	31
Total			1·01	2·12	1·22	1·61	3·55	3·69	0·77	1·71	1·84	5·58	YEAR'S TOTAL ~~23·10~~
Rain Days.			13	15	9	10	19	18	10	14	11	25	~~144~~

W. 8,000. X. 14.

REG

Kept at Scaris

in the County of Lancashire.

by John Johnson.

FORM A.
BRITISH RAINFALL.
24 JAN 1916

Nearest Railway Station Ormskirk.
Diameter of Rain Gauge 5 inches
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 69 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1			.01	—	.21	—	.17	.07	.01	.01	—	.08	1
2			.28	.30	—	.10	.11	.25	—	—	—	.01	2
3			.04	.36	—	.01	.45	—	.01	—	—	.35	3
4		Laid to Commence until March 1/15	—	—	.22	.13	.01	—	—	—	—	.63	4
5			.16	—	—	.04	—	.01	.01	—	—	.82	5
6			.01	.26 ~~.26~~	—	—	.55	.07	—	.01	—	.20	6
7			—	.02	—	—	.31	.50	—	—	.01	.04	7
8			—	.19	—	—	—	.23	—	—	.43	—	8
9			—	.20	—	—	.01	.01	—	—	.25	.44	9
10			.16	.11	—	—	.01	.20	—	—	.05	.13	10
11			—	—	.32	—	—	.03	—	.01	.17	.13	11
12			—	.07	.08	—	—	.04	—	.13	.34	—	12
13			—	.05	—	—	—	.27	—	—	.19	.06	13
14			—	.07	—	—	.02	.38	.15	.01	—	.07	14
15			—	—	—	—	—	.01	.01	~~.01~~	.31	.38	15
16			—	—	.21	—	.43	.55	—	~~[illegible]~~	—	.01	16
17			.08	—	—	—	—	.08	—	—	—	.03	17
18			.02	—	—	—	—	—	—	—	—	—	18
19			.04	.02	.09	—	.16	—	—	.01	—	—	19
20			.02	—	.03	—	.01	.01	—	—	—	.23	20
21			—	.24	—	—	.27	—	—	—	—	.24	21
22			.01	—	—	.22	.17	—	.01	.03	—	.06	22
23			.04	.02	—	.06	.01	—	.04	.42	—	.21	23
24			.14	.01	—	—	—	—	.36	.11	.01	.33	24
25			—	—	—	.50	—	—	.13	—	—	.34	25
26			—	—	—	.23	.32	—	.04	—	—	.30	26
27			—	—	—	.01	.51	—	—	.33	—	.16	27
28			—	—	.01	.31	.01	.48	—	.57	—	—	28
29			—	—	.05	—	—	—	—	.01	.06	.07	29
30		X	—	.20	—	—	—	—	—	.04	.02	—	30
31		X	—	X	—	X	.02	.50	X	.02	X	.26	31
Total			1.01	2.12	1.22	1.61	3.55	3.69	0.77	1.71	1.84	5.58	YEAR'S TOTAL ~~23.10~~
Rain Days.			13	15	9	10	19	18	10	14	11	25	up ~~144~~

W. 8,000. X. 14.

REGISTER OF RAINFALL IN 1916.

FORM A.
BRITISH RAINFALL.
19. JAN 19

Kept at Scarisbrick, Lancs
in the County of Lancashire
by John Johnson

Lat. 53° 36′ N Long. 2° 55′ W.
Time of Observation 9 am
Nearest Railway Station Ormskirk
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 69 — ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·04	·02	·27	—	—	·10	·30	—	—	—	·09	—	1
2	·20	·21	·07	—	—	—	·02	—	·65	·26	·09	·01	2
3	—	·01	—	·09	—	·04	·22	—	·44	·26	·03	·01	3
4	·08	·04	—	—	·45	·75	·17	—	·01	·15	·16	—	4
5	·08	·20	—	—	·12	·09	—	—	—	·44	·17	—	5
6	·32	·29	—	—	·29	·01	·13	—	·01	·08	·25	·04	6
7	·04	·06	—	—	·09	—	·14	—	—	·11	·16	·40	7
8	·04	·07	—	—	—	·20	—	—	—	·09	·22	·06	8
9	·08	—	—	—	·19	·02	·01	—	·05	—	·06	·09	9
10	—	·30	—	·10	—	·01	·10	—	—	·03	·01	·02	10
11	·03	·22	—	·74	·02	—	·02	—	·13	—	—	·10	11
12	·03	·06	·11	·05	·58	—	·31	·12	—	·13	—	—	12
13	—	·02	·16	·02	·02	—	·01	1·00	—	1·71	·01	·06	13
14	—	·16	—	·05	·24	—	—	·41	·03	·14	—	—	14
15	—	·26	·27	·08	·02	—	·06	·80	·10	·17	—	—	15
16	·03	·08	·02	·29	—	—	·11	·89	—	·20	—	—	16
17	·12	·18	—	·22	—	—	·02	·60	·53	·14	—	—	17
18	—	·11	—	·17	—	—	—	·55	·21	·18	·29	·12	18
19	·06	—	·15	·19	—	—	—	·17	—	—	·26	—	19
20	·14	—	·36	·15	—	—	—	·01	—	—	·16	·02	20
21	·14	—	·13	—	·12	—	—	—	—	—	·24	—	21
22	—	—	—	—	·01	·14	—	—	—	·10	·01	·09	22
23	·01	—	·12	·06	—	—	—	·08	—	·13	·22	·27	23
24	—	·06	—	·01	·03	·01	—	·08	—	·12	—	·07	24
25	—	·02	·12	—	·06	·06	—	·11	·08	·02	·29	·02	25
26	—	—	·02	—	—	·03	·63	·01	·01	·07	·01	—	26
27	—	·05	—	—	·06	·29	—	—	·08	·28	—	·02	27
28	—	·04	—	—	—	·01	—	—	—	·45	·01	·27	28
29	—	·14	—	—	—	·18	·01	—	—	·29	—	·44	29
30	—	✕	—	—	—	·10	·01	—	—	·31	—	·02	30
31	—	✕	—	✕	·01	✕	—	·31	✕	·06	✕	·05	31
Total	1·44	2·60	1·80	2·22	2·31	2·04	2·27	5·14	2·33	5·92	2·74	2·18	YEAR'S TOTAL 32·99
Rain Days.	16	22	12	14	16	16	17	14 5·14	13	25	20	20	205

W. 8,000. X. 15.

J. Thunder

s made

2941

REGISTER OF RAINFALL IN 1917.

FORM A. BRITISH RAINFALL.

28 JAN 1918

Kept at Scarisbrick.

in the County of Lancashire.

by John Johnson.

Lat. 53°36N Long. 2°55W.

Time of Observation 9 am.

Nearest Railway Station Ormskirk

Diameter of Funnel of Rain Gauge 5. in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 69·3 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	—	·03	·25	—	·06	—	·08	·11	—	·23	·12	1
2	·19	—	—	·24	—	·03	—	·05	—	·10	—	·06	2
3	·01	·15	—	—	—	·35	—	—	—	·53	·09	·12	3
4	·06	—	·02	—	—	·01	—	·01	—	·88	—	·02	4
5	·22	—	·06	·11	—	—	—	·06	—	·17	·29	·03	5
6	·06	—	—	—	—	·47	—	—	—	·47	·32	·06	6
7	·77	—	—	—	—	·01	—	—	—	·37	·06	·07	7
8	·08	—	—	·23	—	·04	—	·35	·01	·52	·27	·28	8
9	—	—	·10	·06	·06	—	—	·31	—	·30	·34	—	9
10	·33	—	·53	·26	·07	—	—	·03	—	·02	—	—	10
11	·08	—	—	—	·02	—	—	·16	·02	·52	·05	—	11
12	·01	—	·01	—	·50	—	—	·01	·01	·46	—	·03	12
13	—	—	—	·05	—	·02	—	·09	·41	·01	·08	·21	13
14	·04	—	—	·01	·35	—	—	·28	—	·02	—	·06	14
15	·03	—	—	·20	·01	—	·19	·01	·24	·08	·01	·36	15
16	—	·04	—	·06	—	·01	—	·50	·01	·01	·04	·25	16
17	·01	—	·12	·39	·09	—	·15	1·32	·07	·26	—	—	17
18	—	—	·03	·04	·15	—	·38	·10	·39	·01	—	—	18
19	—	·31	·33	—	·42	·06	—	—	·01	—	—	—	19
20	—	·28	·01	—	·11	·31	—	·02	·10	—	·53	—	20
21	—	·04	·13	—	·15	·02	—	·23	—	·02	·01	—	21
22	—	—	·02	·01	·01	—	—	·50	·10	·36	·07	·05	22
23	—	·13	—	—	·12	·32	—	·19	·03	·19	—	·01	23
24	—	—	·01	—	—	·01	·10	·15	—	·36	·14	·02	24
25	—	·10	·05	—	—	—	—	·19	·01	·15	·01	—	25
26	—	—	—	—	—	—	—	·77	·53	·20	·74	—	26
27	—	—	·08	·01	·59	·10	·30	·44	—	·45	·02	—	27
28	—	—	·15	—	—	—	·05	·18	—	·05	·01	·01	28
29	—		·03	—	—	—	·01	·01	—	·35	·01	—	29
30	—		·15	—	—	—	—	·22	—	·02	·12	—	30
31	—		·09		·13		—	·45		·01		—	31
Total	1·89	1·05	1·95	1·92	2·78	1·82	1·18	6·71	2·05	6·89	3·44	1·76	YEAR'S TOTAL 3~~4~~3·44
Rain Days.	13	7	19	14	15.	15.	7	27	15	28	21	17	198

W. 8,000, VIII. 16

T = Thunder

70

FORM A.
BRITISH RAINFALL
7. 1. 19

REGISTER OF RAINFALL IN 1918

Kept at Scarisbrick

in the County of Lancashire

by John Johnson to Octr. 31st 1918
Elizabeth Ann Johnson to end of year

Lat. 53° 36 N Long. 2° 55 W.
Time of Observation 9 a.m.
Nearest Railway Station Ormskirk
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 69·3 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	·20	—	·03	—	—	—	—	·33	·06	·26	·16	1
2	—	·09	—	·01	—	—	—	—	·15	·01	—	·58	2
3	—	·04	—	—	·51	—	—	—	·10	·18	—	—	3
4	·02	·03	—	—	·01	—	—	—	·25	·23	·20	·12	4
5	—	·01	—	·17	·22	—	—	·55	·20	·35	·27	·01	5
6	·08	·48	—	·23	—	·47	·06	—	—	·12	—	—	6
7	—	·06	—	·03	—	—	·01	·02	·28	·24	·12	·06	7
8	·19	·08	·02	—	—	—	—	—	·68	·17	·01	·01	8
9	·03	·16	—	·05	—	·40	·15	—	·70	·54	—	·10	9
10	·10	·12	·01	·02	—	·01	—	—	·60	·13	·30	·03	10
11	·15	·22	·05	·03	·19	—	·02	·02	·10	—	—	·15	11
12	·04	·23	—	·08	·10	—	·33	—	·07	—	—	·02	12
13	—	—	—	·06	·11	·01	·11	—	·30	·23	—	·01	13
14	·67	—	—	—	·01	·02	—	·01	·42	·23	—	·33	14
15	·22	—	—	—	—	·04	·20	—	1·13	·11	—	·63	15
16	—	—	—	—	—	·10	·29	·09	·39	—	—	·33	16
17	·24	—	—	—	·05	—	·29	—	·07	·20	—	·25	17
18	·22	·02	·14	—	—	·15	·82	—	·30	—	—	·63	18
19	·02	·07	·13	·07	—	—	·07	·05	—	·07	—	·74	19
20	·11	·56	—	·18	·02	·14	·29	—	·65	·01	—	·10	20
21	·18	·08	—	·01	·39	·07	·40	—	·37	—	—	·07	21
22	·09	—	—	—	·75	·11	·04	—	·25	—	—	·59	22
23	·10	—	—	—	·26	—	·20	—	·15	—	—	·28	23
24	·03	·11	—	—	—	—	·38	·20	·12	—	·17	·01	24
25	—	—	—	—	·09	·03	—	·46	·41	—	·06	—	25
26	—	·01	—	—	—	—	·35	·10	·23	·02	·13	·12	26
27	—	·06	·28	—	—	·07	·21	·56	·61	·09	·25	·41	27
28	—	·04	·11	—	—	—	—	—	·23	—	·30	·69	28
29	—	X	·04	—	—	—	—	—	—	—	·01	·20	29
30	—	X	·27	—	—	—	—	·11	·04	—	·13	·06	30
31	—	X	·24	X	—	X	—	·25	X	·03	X	·05	31
Total	2·49	2·67	1·29	·97	2·71	1·62	4·22	2·42	9·13	3·02	2·21	6·74	YEAR'S TOTAL 39·49
Rain Days.	17	20	10	13	13	13	18	12	27	19	13	28	203

W. 8,000, IX. 17.

for RR

2785

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919

3 JAN 20

Kept at Pinfold Cottage, Scarisbrick
in the County of Lancs.
by Mrs Elizbth A. Johnson

Lat. 53° 36 N Long. 2° 55 W
Time of Observation 9 a.m.
Nearest Railway Station Ormskirk.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 69 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ☐

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·15	·01	·02	—	·29	—	·22	—	·43	·39	—	·06	1
2	·13	—	·34	—	·02	—	·35	·02	·24	·01	—	·08	2
3	·10	—	—	·02	·05	·18	·14	—	—	—	·01	·03	3
4	·49	—	·24	—	·02	·02	·22	·28	—	—	—	·14	4
5	—	—	—	·01	·06	—	·01	—	·06	—	·04	·19	5
6	·22	—	·44	—	·05	—	—	—	·04	—	—	·09	6
7	·02	—	·14	·09	·02	—	—	—	—	—	—	—	7
8	·10	—	·02	—	·01	·10	—	—	—	—	—	—	8
9	·37	—	·06	—	—	·02	—	—	—	—	—	—	9
10	·05	—	·26	·09	—	—	—	—	—	·08	—	·05	10
11	·02	—	·19	·09	·05	—	·18	—	·01	·08	—	·01	11
12	—	—	·32	—	·01	·20	·01	—	—	·12	·10	—	12
13	·36	·01	—	·12	—	—	·04	·01	—	·32	—	·12	13
14	·29	·01	—	·22	—	—	—	—	—	·26	—	·02	14
15	·35	·01	·01	·12	—	—	—	—	—	—	·25	·33	15
16	·05	·04	·01	·02	—	·04	·01	—	—	·21	·35	—	16
17	·04	·01	—	·03	—	·06	—	·26	·03	—	·09	—	17
18	—	—	·54	—	—	—	·13	·60	—	—	—	·14	18
19	·01	·45	1·23	—	—	·34	·02	·06	·16	—	·18	—	19
20	·31	·09	·03	—	—	·22	—	—	·12	—	·25	·15	20
21	·02	·22	—	—	—	—	·25	—	·11	—	·06	·25	21
22	—	·05	—	—	—	·10	—	·03	·28	1·29	·01	·50	22
23	—	—	—	—	—	·02	—	·08	—	·01	·01	·04	23
24	—	—	—	·01	·42	—	—	·04	·09	—	·14	·01	24
25	·14	—	—	·02	·16	·06	—	·46	·18	—	·10	—	25
26	·18	—	·50	·26	—	·14	—	·29	·10	—	—	·70	26
27	·16	·01	—	·06	—	—	—	—	—	—	—	·05	27
28	—	—	—	·02	—	·01	—	1·3	—	·11	—	·45	28
29	·03		·04	·06	—	—	—	·24	—	·02	—	·20	29
30	—		·09	·19	—	·14	—	—	—	—	·05	·25	30
31	·02		·02		—		·22	—		—		·02	31
TOTAL	3·61	·91	4·68	1·43	1·16	1·71	1·83	3·43	1·88	2·90	1·64	3·97	YEAR'S TOTAL 29·15
Days with ·01 in. or more	23	11	19	14	12	15	13	13	13	12	14	23	185

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

2671

5 JAN 1921

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Pinfold Cottage, Scarisbrick
in the County of Lancashire,
by (Mrs) Elizth A. Johnson.

Lat. 53° 36 N Long. 2° 55 W.
Time of Observation 9 a.m.
Nearest Railway Station Ormskirk.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level 69 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—	13	·08	·25	—	·71	—	·13	·81	—	—	1
2	—	—	—	·06	·02	—	·03	·05	·33	·32	—	·07	2
3	·06	·16	·03	·05	—	—	·60	·17	·20	·07	—	—	3
4	—	—	—	—	—	—	·09	·80	—	·12	·01	—	4
5	—	—	·02	—	·27	—	·05	·16	·14	·24	—	—	5
6	—	—	·75	·25	·35	—	—	·02	—	·01	—	·02	6
7	—	·07	·03	—	—	—	·22	—	—	—	—	—	7
8	·06	·02	—	·33	·07	—	·36	·07	—	—	—	—	8
9	·37	·40	—	·56	—	—	·10	—	·03	—	—	—	9
10	·46	·09	·08	—	—	—	·02	—	—	—	—	—	10
11	·08	—	—	·15	·35	1·20	·07	—	—	—	—	·04	11
12	·21	—	·10	·32	—	·22	·05	—	—	—	·31	·03	12
13	·05	·10	·05	·03	—	·05	—	—	—	—	·23	—	13
14	·03	·12	·25	·33	—	·03	·06	—	·35	·22	·38	—	14
15	·01	·20	—	·13	—	—	·10	—	—	·01	—	—	15
16	—	—	—	—	·06	·04	·35	—	18	—	—	—	16
17	·02	—	—	—	·45	—	—	·11	29	—	—	—	17
18	·20	—	—	·10	·32	—	—	·02	·09	—	—	—	18
19	·06	·55	—	·35	·65	·03	·04	·12	·14	—	—	—	19
20	·13	·01	—	·10	—	—	·01	—	·56	—	—	·06	20
21	·01	—	—	—	—	—	·43	—	—	·02	—	·11	21
22	·09	—	—	—	—	·03	·30	·16	—	—	—	—	22
23	·01	—	—	·40	—	—	·39	·04	—	—	—	—	23
24	—	—	·80	·02	—	·01	·01	—	—	—	—	—	24
25	—	·12	·21	·03	—	—	·62	—	—	—	—	—	25
26	·05	·08	·19	·14	·02	—	·04	—	—	—	—	·14	26
27	·10	·01	·31	·20	·33	·55	·06	—	—	—	·09	—	27
28	·44	·02	·29	·18	·10	—	—	—	—	—	—	—	28
29	·11	—	·19	·17	·85	—	·30	—	—	—	18	·37	29
30	·40	✕	·10	·08	·05	—	—	—	70	—	17	·40	30
31	·06	✕	·11	✕	·25	✕	·09	—	✕	·36	✕	—	31
TOTAL	3·01	1·95	3·64	4·06	4·39	2·16	5·10	1·72	3·14	2·18	1·37	1·24	YEAR'S TOTAL 33·96
Days with ·01 in. or more	22	14	17	22	16	9	25	11	12	10	7	9	174
Days with ·04 in. or more	17	10	14	19	14	5	21	9	11	7	6	7	140

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

SILVER~~DALE~~
BLEASDALE HSE
LANCASHIRE
1918

REGI

FORM A.
BRITISH RAINFALL.

9.7.19

Kept at Bleasdale H

in the County of Lan

by Robert S. K

w.

Bleasdale

Gauge eight ins.

ve Ground One ft. — in.

Sea Level 160 ft.

IMPORTANT NOTE.—Rain should be measured the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Director, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		·28		·02					·33	·10	·30	·70	1
2		·05		·37					·17	·48	·15	·67	2
3		·08			·40					·60	·05	·09	3
4		·06			·05			·09	·23	·50	·19		4
5	·06	·07		·22	·28			1·12		·68	·06	·12	5
6		1·32		·34		·90			·25	·19		·05	6
7		·72		·02			·32	·15	·26	·05	·28		7
8	·28	·03	·11			·11	·24	·10	·52	·19	·16		8
9	·32	·52		·06		·15			·90	·55	·11	·03	9
10	·06	·35	·26	·03			·14		·45	·41	·55	·05	10
11	·24	·18	·07		·17		·17	·02	·35			·28	11
12		·32		·24	·10				·10			·27	12
13	·73	·03			·09				·30	·41		·06	13
14	·03					·05	·17	·11	·43	·04		·09	14
15	·06					·27	·55		1·83	·09		·68	15
16	·52	·04				·46	·34	·21	·42			·16	16
17	·62					·07	·95	·14	·12	·35		·29	17
18	·26	·25	·37			·04	·04	·06	·09	·05		·41	18
19	·45	·50	·16	·16	·23	~~·14~~	·25	·46	·13	·07		·67	19
20	·17	·28		·15		·09	·78	·02	·22				20
21	·11	·08			·35	·13		·09	1·36				21
22	·23				·05	·03	·27		·25			·66	22
23	·36						·54		·03		·09	·22	23
24		·08			·23			·20	·32		·06	·06	24
25								·90	·43		·03		25
26		·10						·11	·80	·18	·30	·20	26
27		·14	·56			·10		·62	·25	·10	·16	·69	27
28		·03	·14					·04	·24		·08	·64	28
29			·04					·16	·06		·33	·43	29
30		✕	·16									·09	30
31		✕	·20	✕		✕		·13	✕	·07	✕		31
Total	4·50	4·83	2·07	1·61	1·95	2·49	4·76	4·73	10·84	5·09	2·95	7·61	YEAR'S TOTAL 53·34
Rain Days.	16	21	10	10	10	12	13	19	27	19	16	24	197

Smade

REGISTER OF RAINFALL IN 191

FORM A.
BRITISH RAINFALL
9.7.19

Kept at Bleasdale House, Silverdale

in the County of Lancaster

by Robert S. Raisbeck

Lat. — Long. —

Time of Observation 9 a.m.

Nearest Railway Station Silverdale

Diameter of Funnel of Rain Gauge eight ins.

Height of top of Gauge above Ground One ft. — in.

" " " " Sea Level 160 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		·28		·02					·33	·10	·30	·70	1
2		·05		·37					·17	·48	·15	·67	2
3		·08			·40					·60	·05	·09	3
4		·06			·05			·09	·23	·50	·19		4
5	·06	·07		·22	·28			1·12		·68	·06	·12	5
6		1·32		·34		·90			·25	·19		·05	6
7		·72		·02			·32	·15	·26	·05	·28		7
8	·28	·03	·11			·11	·24	·10	·52	·19	·16		8
9	·32	·52		·06		·15			·90	·55	·16	·03	9
10	·06	·35	·26	·03			·14		·45	·41	·55	·05	10
11	·24	·18	·07		·17		·17	·02	·35			·28	11
12		·32		·24	·10				·10			·27	12
13	·73	·03			·09				·30	·41		·06	13
14	·03					·05	·17	·11	·43	·04		·09	14
15	·06					·27	·55		1·83	·09		·68	15
16	·52	·04				·46	·34	·21	·42			·16	16
17	·62					·07	·95	·14	·12	·35		·29	17
18	·26	·25	·37			·04	·04	·06	·09	·05		·41	18
19	·45	·50	·16	·16	·23	~~·14~~	·25	·46	·13	·07		·67	19
20	·17	·28		·15		·09	·78	·02	·22				20
21	·11				·35	·13		·09	1·36				21
22	·23				·05	·03	·27		·25			·66	22
23	·36						·54		·03		·09	·22	23
24		·08			·23			·20	·32		·06	·06	24
25								·90	·43		·03		25
26		·10						·11	·80	·18	·30	·20	26
27		·14	·56			·10		·62	·25	·10	·16	·69	27
28		·03	·14					·04	·24		·08	·64	28
29			·04					·16	·06		·33	·43	29
30			·16									·09	30
31			·20					·13		·07			31
Total	4·50	4·83	2·07	1·61	1·95	2·49	4·76	4·73	10·84	5·09	2·95	7·61	YEAR'S TOTAL 53·34
Rain Days.	16	21	10	10	10	12	13	19	27	19	16	24	197

W. 6,500, VII. 18. W W C

3224

from origin

REGI

SINGLETON
PARK
LANCASHIRE
1915-16, 1919-1920

FORM A.
BRITISH RAINFALL.
17. APR. 1916

Kept at Singleton Pa
in the County of Lanca
by Richard Lou

am
Singleton
Gauge .... in.
e Ground .... ft. .... in.
Sea Level .... ft.

IMPORTANT NOT the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·46	·54	–	–	·25	–	·24	·25	·02	·03	–	·04	1
2	–	·69	·42	·40	–	·07	·47	·23	–	·01	·02	·01	2
3	·29	·07	·27	·67	–	–	·38	·01	·05	–	–	·32	3
4	·02	·13	·07	–	·16	·19	·01	·23	–	–	–	1·12	4
5	·33	·26	·17	–	·10	–	–	–	–	–	–	1·56	5
6	·19	·09	·05	·37	·01	–	·85	·02	–	–	·02	·20	6
7	·87	·51	–	·16	–	–	·36	1·02	–	–	–	·15	7
8	·23	·06	–	·04	–	–	–	·26	–	–	·68	–	8
9	–	–	–	–	–	–	–	–	–	–	·25	·52	9
10	·82	–	·26	·12	·39	–	–	·33	–	·01	·03	·32	10
11	·11	–	·04	–	–	–	–	–	–	–	·05	·27	11
12	·45	–	–	·07	–	–	·02	–	–	·41	·46	·34	12
13	·08	–	–	·01	–	–	–	·78	–	·07	–	·15	13
14	·18	–	–	·07	–	–	–	·11	·04	·08	·02	·14	14
15	1·27	·02	–	·08	–	–	–	·04	·03	–	·34	·55	15
16	–	·63	–	·01	·16	–	·39	1·03	–	–	–	·03	16
17	–	·24	·06	–	·01	–	–	·08	–	–	–	·08	17
18	·01	·19	·04	–	–	–	–	–	–	·01	–	–	18
19	–	·02	·02	·11	·23	–	·24	–	–	·05	–	–	19
20	·18	·08	–	–	·03	–	–	·17	–	–	–	·33	20
21	·10	·16	–	·37	–	–	·75	·02	–	–	–	·32	21
22	·01	·06	·06	–	–	·12	–	–	–	·01	–	·15	22
23	–	–	·12	·01	–	·02	–	–	·22	·49	–	·25	23
24	–	–	·14	·03	–	–	–	–	·24	·16	–	·40	24
25	–	–	–	–	–	·43	·04	–	·06	–	–	·21	25
26	–	·54	–	–	–	·24	·32	–	·02	–	–	·54	26
27	–	·10	–	–	–	·01	·24	[illegible]	–	·58	–	·21	27
28	–	·11	–	–	·04	·13	–	·59	–	·27	–	·03	28
29	–	–	–	–	·07	–	–	–	–	–	·26	·15	29
30	–	X	–	·46	–	–	–	–	·01	–	·03	–	30
31	·30	X	·01	X	–	X	·02	·43	X	–	X	·45	31
Total	5·90	4·50	1·73	2·98	1·45	1·21	4·33	4·90	·69	2·18	2·16	8·84	YEAR'S TOTAL 40·87
Rain Days.	18	18	14	16	11	8	14	17	9	13	11	27	176

W. 8,000. X. 15.

from origin

3224

REGISTER OF RAINFALL IN 1915

FORM A.
BRITISH RAINFALL.
17. APR. 1916

Kept at Singleton Park

in the County of Lancashire

by Richard Southwork

Lat. Long.

Time of Observation 9 am

Nearest Railway Station Singleton

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·46	·54	–	–	·25	–	·24	·25	·02	·03	–	·04	1
2	–	·69	·42	·40	–	·07	·47	·23	–	·01	·02	·01	2
3	·29	·07	·27	·67	–	–	·38	·01	·05	–	–	·32	3
4	·02	·13	·07	–	·16	·19	·01	·23	–	–	–	1·12	4
5	·33	·26	·17	–	·10	–	–	–	–	–	–	1·56	5
6	·19	·09	·05	·37	·01	–	·85	·02	–	–	·02	·20	6
7	·87	·51	–	·16	–	–	·36	1·02	–	–	–	·15	7
8	·23	·06	–	·04	–	–	–	·26	–	–	·68	–	8
9	–	–	–	–	–	–	–	–	–	–	·25	·52	9
10	·82	–	·26	·12	·39	–	–	·33	–	·01	·03	·32	10
11	·11	–	·04	–	–	–	–	–	–	–	·05	·27	11
12	·45	–	–	·07	–	–	·02	–	–	·41	·46	·34	12
13	·08	–	–	·01	–	–	–	·78	–	·07	–	·15	13
14	·18	–	–	·07	–	–	–	·11	·04	·08	·02	·14	14
15	1·27	·02	–	·08	–	–	–	·04	·03	–	·34	·55	15
16	–	·63	–	·01	·16	–	·39	1·03	–	–	–	·03	16
17	–	·24	·06	–	·01	–	–	·08	–	–	–	·08	17
18	·01	·19	·04	–	–	–	–	–	–	·01	–	–	18
19	–	·02	·02	·11	·23	–	·24	–	–	·05	–	–	19
20	·18	·08	–	–	·03	–	–	·17	–	–	–	·33	20
21	·10	·16	–	·37	–	–	·75	·02	–	–	–	·32	21
22	·01	·06	·06	–	–	·12	–	–	–	·01	–	·15	22
23	–	–	·12	·01	–	·02	–	–	·22	·49	–	·25	23
24	–	–	·14	·03	–	–	–	–	·24	·16	–	·40	24
25	–	–	–	–	–	·43	·04	–	·06	–	–	·21	25
26	–	·54	–	–	–	·24	·32	–	·02	–	–	·54	26
27	–	·10	–	–	–	·01	·24	[illegible]	–	·58	–	·21	27
28	–	·11	–	–	·04	·13	–	·59	–	·27	–	·03	28
29	–		–	–	·07	–	–	–	–	–	·26	·15	29
30	–	×	–	·46	–	–	–	–	·01	–	·03	–	30
31	·30	×	·01	×	–	×	·02	·73	×	–	×	·45	31
Total	5·90	4·50	1·73	2·98	1·45	1·21	4·33	4·90	·69	2·18	2·16	8·84	YEAR'S TOTAL 40·87
Rain Days.	18	18	14	16	11	8	14	17	9	13	11	27	176

W. 8,000. X. 15.

3154

FORM A. BRITISH RAINFALL. 5 JAN 19

REGISTER OF RAINFALL IN 1916

Kept at Singleton Park
in the County of Lancashire
by Richard Southworth

Lat. Long.
Time of Observation 9 AM
Nearest Railway Station Singleton L&Y
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·39	·10	00	·00	00	15	·19	00	00	03	16	·00	1
2	·16	30	04	·02	00	00	03	00	22	28	04	·08	2
3	·00	·00	·00	·11	00	04	[illegible]	00	80	26	12	·05	3
4	07	·06	·00	·02	80	16	20	05	10	45	·27	·00	4
5	23	·14	00	·00	·42	12	·37	00	00	74	36	·00	5
6	49	·65	00	·00	·86	[illegible]	00	·00	·03	·11	two days	·00	6
7	03	·13	00	·02	·02	[illegible]	00	00	·01	06	·45	·40	7
8	·00	0·6	00	·02	00	00	·04	00	00	02	10	·04	8
9	·15	00	00	·00	32	[illegible]	00	00	15	·00	·05	·05	9
10	04	38	00	·30	02	[illegible]	·11	00	00	40	04	·00	10
11	14	40	·00	·83	04	10	05	00	12	·21	·00	·12	11
12	·10	·16	·08	01	47	00	65	10	00	15	01	·00	12
13	·00	19	·20	09	02	00	00	31	06	80	02	·08	13
14	01	34	00	·04	34	00	00	35	11	·22	00	·00	14
15	03	11	·21	·10	00		13	91	00	·03	00	·00	15
16	21	·14	·00	40	00	00	14	03	·11	23	00	00	16
17	06	·17	·00	31	00	·00	05	00	1·11	·15	00	SNOW ·03	17
18	09	21	·00	·07	00	00	03	·85	·20	·15	00	08	18
19	14	·00	20	14	00	00	00	15	03	·00	00	·00	19
20	36	00	·95	39	00	00	00	·03	00	00	32	·04	20
21	·00	·00	·04	·00	·10	00	00	·01	00	·00	04	·05	21
22	·00	00	00	·00	00	30	01	00	00	12	·09	·0	22
23	·00	·10	25	09	00	03	00	·05	00	·08	35	·11	23
24	00	·00	05	00	14	·00	00	26	00	14	·00	·20	24
25	·04	·00	·09	·00	14	08	00	1·2	·05	00	·10	·10	25
26	·05	·00	09	00	00	01	00	·11	00	·06	·18	·30	26
27	·00	·16	00	00	00	14	00	00	·10	·40	·01	·07	27
28	·04	·00	00	07	00	00	00	00	·00	·55	·05	·44	28
29	·09	·14	00	·00	00	17	00	00	00	28	·04	·64	29
30	·05	X	·00	00	00	05	00	·00	·00	37	·00	·04	30
31	·00	X	·00	X	20	X	00	·45	X	20	X	·14	31
Total	~~2·88~~ 2·97	3·87	2·20	3·03	3·91	2·36	2·07	3·62	3·19	6·51	2·83	2·89	YEAR'S TOTAL 39·40
Rain Days.	22	~~17~~ 18	11	18	14	15	15	13	14	26	21	20	205

W. 8,000. X. 15.

22·4·20

2850

FORM A. BRITISH RAINFALL

13 JAN 20

obs. agrees

REGISTER OF RAINFALL IN 1919

Kept at [illegible]

in the County of [illegible]

by [illegible]

Lat. Long.

Time of Observation [illegible]

Nearest Railway Station [illegible]

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·03

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·62	·00	·02	·00	·64	·00	·19	·04	·80	·62	·00	·04	1
2	·11	·07	·54	·00	·09	·00	·92	·01	·15	·02	·00	·23	2
3	·18	·00	·00	·02	·18	·28	·13	·01	·00	·00	·03	·09	3
4	·31	·00	·47	·00	·05	·12	·28	42	·05	·00	·02	·05	4
5	·22	·04	·00	·00	·28	·01	·00	·01	·02	·01	·00	·28	5
6	·16	·00	·48	·00	·12	·00	·00	00	·04	·02	·00	·04	6
7	·00	·00	·31	·18	·03	·00	·00	·00	·00	·00	·03	·00	7
8	·00	·00	·05	·01	·03	·00	·02	·00	·00	·00	·01	·00	8
9	·21	·00	·13	·02	·00	·04	·00	00	·00	·00	·00	·00	9
10	·10	·00	·64	·18	·02	·00	·00	·00	·00	·11	·00	·14	10
11	·04	·00	·73	·04	·03	·01	·20	·00	·04	·33	·00	·02	11
12	·01	·00	·12	·00	·00	·15	·00	·00	·01	·16	·19	·01	12
13	·43	·00	·00	·38	·00	·00	·09	·03	·00	·70	·00	·14	13
14	·25	·04	·00	·31	·00	·00	·00	·04	·00	·29	·20	·18	14
15	·27	·08	·00	·12	·01	·00	·00	·00	·16	·00	·00	·65	15
16	·12	·02	·02	·01	·01	·06	·00	·00	·01	·00	·40	·01	16
17	·01	·00	·00	·11	·00	·03	·00	·78	·02	·00	·47	·05	17
18	·00	·00	·88	·00	·00	·00	·29	·51	·14	·00	·02	·21	18
19	·03	·63	1·38	·00	·00	·62	·00	·24	·18	·01	·16	·19	19
20	·33	·25	·13	·00	·00	·07	·00	·18	·02	·00	·12	·24	20
21	·08	·41	·00	·00	·00	·00	·20	·01	·27	·00	·14	·23	21
22	·00	·14	·00	·00	·00	·16	·00	·04	·40	·01	·08	·84	22
23	·00	·00	·00	·00	·00	·12	·00	·03	·00	1·49	·03	·05	23
24	·03	·00	·06	·08	·46	·00	·00	·04	·15	·31	·17	·92	24
25	·27	·00	·00	·11	·01	·06	·00	1·01	·36	·10	·13	·00	25
26	·19	·00	·45	·19	·00	·11	·00	·45	·02	·01	·11	·57	26
27	·12	·03	·00	·07	·00	·00	·00	·00	·00	·00	·00	·02	27
28	·00	·00	·00	·00	·00	·01	·00	1·26	·00	·00	·00	·34	28
29	·03	X	·00	·03	·10	·00	·00	·15	·14	·12	·20	·30	29
30	·00	X	·00	·18	·00	·12	·00	·00	·00	·03	·25	·48	30
31	·00	X	·07	X	·00	X	·34	·01	X	·00	X	·05	31
Total	5·17	1·59	6·21	2·03	1·96	1·85	1·94	5·26	2·90	4·11	2·06 10 snow	~~5·42~~ 6·72	YEAR'S TOTAL ~~41·70~~ 42·22
Rain Days.	24	9	17	17	14	14	9	20	18	14	3·25 snow 54 16	27	209

W. 8,000, IX. 17.

2735

14 JAN 1921

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Singleton Park

in the County of Lancashire

by E. T. Miller

Lat. Long.

Time of Observation 9 A.M.

Nearest Railway Station Singleton Sta.

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·46

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·03	·00	·09	·02	·52	·00	·60	·01	·18	·12	·00	·24	1
2	·00	·00	·00	·26	·03	·00	·00	·01	·67	·04	·00	·28	2
3	·01	·12	·10	·20	·04	·00	·84	·00	·32	·10	·00	·25	3
4	·00	·00	·00	·02	·01	·00	·09	·86	·06	·23	·00	·00	4
5	·00	·03	·08	·02	·82	·00	·11	·17	·12	·33	·10	·00	5
6	·00	·00	·35	·33	·33	·00	·00	·00	·00	·01	·03	·00	6
7	·06	·19	·02	·01	·00	·00	·45	·00	·04	·00	·10	·00	7
8	·05	·04	·00	·30	·16	·00	·02	·24	·01	·00	·07	·01	8
9	·33	·51	·05	·58	·00	·00	·06	·00	·10	·00	·01	·03	9
10	·62	·18	·12	·06	·00	·00	·11	·00	·00	·00	·00	·05	10
11	·12	·01	·04	·04	·61	·61	·00	·00	·00	·00	·01	·01	11
12	·27	·08	·09	·31	·00	·08	·22	·00	·04	·00	·15	·01	12
13	·24	·14	·10	·08	·00	·52	·00	·00	·00	·00	·17	SNOW ·03	13
14	·02	·20	·25	·36	·00	·12	·21	·00	·56	·43	·81	·00	14
15	·01	·22	·00	·48	·00	·00	·00	·00	·01	1·11	·02	·00	15
16	·00	·00	·17	·00	·28	·10	·48	·00	·26	·00	·02	·00	16
17	·05	·00	·10	·02	·38	·00	·08	·13	·40	·01	·06	·00	17
18	·29	·01	·00	·04	·55	·00	·00	·04	·26	·00	·00	·00	18
19	·03	·84	·00	·09	·13	·16	·15	·01	·09	·00	·00	·00	19
20	·20	·00	·00	·61	·00	·00	·03	·00	·31	·00	·00	·27	20
21	·04	·00	·00	·04	·00	·00	·40	·01	·00	·01	·00	·18	21
22	·25	·00	·00	·36	·00	·04	·45	·12	·00	·00	·00	·00	22
23	·00	·00	·20	·26	·00	·00	·38	·04	·00	·00	·00	·46	23
24	·15	·00	·98	·10	·00	·08	·14	·01	·00	·00	·00	·57	24
25	·00	·24	·12	·03	·00	·09	·67	·00	·01	·00	·00	·00	25
26	·27	·09	·88	·23	·78	·00	·06	·00	·01	·00	·12	·07	26
27	·15	·02	·25	·09	·40	·69	·21	·00	·00	·00	·11	·00	27
28	·40	·02	·44	·11	·00	·11	·18	·00	·00	·00	·00	·27	28
29	·14	·02	·31	·01	·40	·06	·23	·00	·00	·00	·24	·48	29
30	·27	X	·22	·01	·19	·10	·00	·00	·71	·01	·16	·40	30
31	·18	X	·18	X	·12	X	·08	·14	X	·20	X	·02	31
TOTAL	4·20	2·96	5·09	5·04	5·40	~~2·80~~ 2·70	6·25	1·79	4·16	2·60	2·2[illegible]	3·63	46·35 46·4[illegible]
Days with ·01 in. or more	21	18	22	29	14	13	24	13	19	12	16	18	225

Gale blew the top off

Gale blew top off

Gale blew top off

(44,383). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

19 12 21 21 12 8 15 8 11 12

SOUTHPORT

HESKETH PARK

LANCASHIRE

1911 – 1920

FORM A2.
BRITISH RAINFALL.

REG 1911.

Meteorological Office

MAR 1912

Kept at Hesketh Par top 8 in.

p above Ground 1 ft. 0 in.

in the County of Lan „ Sea Level 38 ft.

9 a.m. next day.

by Joseph Baxe

ation Name Hesketh Park.
Distance 3/8ths mile Direction E S E.

IMPORTANT NOTE ., and the result entered to the previous day. If an Obs t universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
Rule conformed to.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	...	...	·09	...	·13	...	...	·14	...	...	·39	·11	1
2	...	...	·02	...	·18	...	...	...	...	·14	·01	·08	2
3	...	...	·05	...	·80	...	·06	...	·04	...	·16	·06	3
4	...	...	·06	...	...	...	...	·64	·08	...	·36	·07	4
5	·34	...	·11	...	...	...	...	1·11	...	·01	·22	·03	5
6	·08	...	...	...	...	...	...	·43	...	...	·21	·03	6
7	·01	...	·01	...	...	...	...	...	...	·04	·19	...	7
8	·04	...	·21	...	...	...	...	...	·01	...	·06	·54	8
9	...	...	...	...	...	...	...	...	...	...	Trace	·31	9
10	·17	·08	·23	...	...	...	...	...	·20	...	...	·36	10
11	·03	·01	...	...	...	...	...	...	·01	...	·41	·09	11
12	...	...	·14	...	·01	...	...	...	1·75	...	·24	...	12
13	...	·13	...	...	...	...	...	...	·04	...	·10	·13	13
14	·06	·54	...	...	...	...	...	...	...	...	·03	·14	14
15	...	·24	...	·03	...	...	...	...	...	...	·21	·07	15
16	...	·05	·01	...	...	·13	·02	...	...	...	·16	·09	16
17	...	...	...	...	...	·54	...	·06	...	...	·11	·13	17
18	...	·17	...	·11	...	·07	...	·02	...	·01	·06	·14	18
19	...	·03	...	·07	...	·01	·01	...	·34	·18	·07	·49	19
20	...	·18	...	·61	...	·02	·07	·33	·06	·03	...	·37	20
21	·01	·59	...	·03	...	·04	...	·02	·11	·05	...	·19	21
22	...	·01	...	...	...	·01	...	...	...	·24	...	·04	22
23	...	·27	...	...	·04	·05	...	·01	·18	·09	...	·27	23
24	·06	·10	...	·16	...	·88	...	·10	·05	·15	...	·06	24
25	...	·09	...	·17	...	·16	...	...	·75	·19	...	·17	25
26	...	·02	...	·20	...	·02	·01	·14	...	·32	·11	·42	26
27	...	·20	...	·18	...	...	...	·55	·72	...	·01	·23	27
28	...	·14	...	·36	...	·17	...	...	·10	...	...	·30	28
29	...		...	·62	...	·19	·05	·07	·21	·74	...	·13	29
30	...		...	...	...	·02	·10	...	...	·18	·05	...	30
31	...		·23		·32		·03	...		·03		·01	31
Total	0·80	2·85	1·16	2·54	1·48	2·31	0·35	3·62	4·65	2·40	3·16	5·06	TOTAL for year 30·38
No. of Rain Days	9	17	11	11	6	14	8	13	16	15	20	28	168

7,000. X. '09.

FORM A2.
BRITISH RAINFALL.

11 MAR 1912

REG 911.

Kept at Hesketh Park, Southport

in the County of Lancashire C3

by Joseph Baxendell, for the Corporation.

RAIN GAUGE
Pattern Meteorological Office
Diameter of top 8 in.
Height of top above Ground 1 ft. 0 in.
" " " Sea Level 38 ft.

Time of Observation 9 a.m. next day.

Nearest Railway Station
Name Hesketh Park.
Distance 3/8ths mile Direction E.S.E.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
Rule conformed to.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	...	...	·09	...	·13	...	...	·14	...	...	·39	·11	1
2	...	...	·02	...	·18	...	...	...	...	·14	·01	·08	2
3	...	...	·05	...	·80	...	·06	...	·04	...	·16	·06	3
4	...	...	·06	...	...	...	...	·64	·08	...	·36	·07	4
5	·34	...	·11	...	...	...	...	1·11	...	·01	·22	·03	5
6	·08	...	...	...	...	...	...	·43	...	...	·21	·03	6
7	·01	...	·01	...	...	...	...	...	...	·04	·19	...	7
8	·04	...	·21	...	...	...	...	...	·01	...	·06	·54	8
9	...	...	...	...	...	...	...	...	...	...	Trace	·31	9
10	·17	·08	·23	...	...	...	...	...	·20	...	...	·36	10
11	·03	·01	...	...	...	...	...	...	·01	...	·41	·09	11
12	...	...	·14	...	·01	...	...	...	1·75	...	·24	...	12
13	...	·13	...	...	...	...	...	...	·04	...	·10	·13	13
14	·06	·54	...	...	...	...	...	...	...	...	·03	·14	14
15	...	·24	...	·03	...	...	...	...	...	...	·21	·07	15
16	...	·05	·01	...	...	·13	·02	...	...	...	·16	·09	16
17	...	...	...	...	...	·54	...	·06	...	...	·11	·13	17
18	...	·17	...	·11	...	·07	...	·02	...	·01	·06	·14	18
19	...	·03	...	·07	...	·01	·01	...	·34	·18	·07	·49	19
20	...	·18	...	·61	...	·02	·07	·33	·06	·03	...	·37	20
21	·01	·59	...	·03	...	·04	...	·02	·11	·05	...	·19	21
22	...	·01	...	...	...	·01	...	...	...	·24	...	·04	22
23	...	·27	...	...	·04	·05	...	·01	·18	·09	...	·27	23
24	·06	·10	...	·16	...	·88	...	·10	·05	·15	...	·06	24
25	...	·09	...	·17	...	·16	...	...	·75	·19	...	·17	25
26	...	·02	...	·20	...	·02	·01	·14	...	·32	·11	·42	26
27	...	·20	...	·18	...	...	...	·55	·72	...	·01	·23	27
28	...	·14	...	·36	...	·17	...	...	·10	...	...	·30	28
29	...		...	·62	...	·19	·05	·07	·21	·74	...	·13	29
30	...		...	...	...	·02	·10	...	...	·18	·05	...	30
31	...		·23		·32		·03	...		·03		·01	31
Total	0·80	2·85	1·16	2·54	1·48	2·31	0·35	3·62	465	2·40	3·16	5·06	TOTAL for year 30·38
No. of Rain Days	9	17	11	11	6	14	8	13	16	15	20	28	168

7,000. X. '09.

Esc 847

REGISTER OF RAINFALL IN 1911.

FORM A2.
BRITISH RAINFALL.
2 MAR 1912

Kept at Hesketh Park, Southport,

in the County of Lancashire, C3

by Joseph Baxendell, for the Corporation.

RAIN GAUGE
Pattern Snowdon.
Diameter of top 5 in.
Height of top above Ground 1 ft. 0 in.
" " " Sea Level 38 ft.

Time of Observation ~~9 a.m.~~ 9 p., & 9 a. next day.

Nearest Railway Station
Name Hesketh Park.
Distance 3/8th of a mile Direction E.S.E.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.
Rule conformed to.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	...	...	·09	...	·13	...	...	·14	...	...	·39	·11	1
2	...	...	·01	...	·18	...	...	...	...	·13	·01	·08	2
3	...	...	·05	...	·80	...	·06	...	·04	...	·16	·06	3
4	...	...	·06	...	...	...	...	·64	·08	...	·36	·05	4
5	·35	...	·11	...	...	...	...	1·11	...	Trace	·23	·03	5
6	·08	...	...	...	...	...	...	·43	...	...	·22	·03	6
7	·01	...	·01	...	...	...	...	...	...	·04	·18	...	7
8	·04	...	·21	...	...	...	...	...	·01	...	·06	·54	8
9	...	...	...	...	...	...	...	...	...	...	...	·31	9
10	·17	·08	·23	...	...	...	...	...	·20	...	...	·35	10
11	·03	...	...	...	...	...	...	...	Trace	...	·41	·08	11
12	...	...	·14	...	Trace	...	...	...	1·75	...	·24	...	12
13	...	·13	...	...	...	...	...	...	·05	...	·10	·12	13
14	·06	·53	...	...	·01	...	...	...	...	...	·03	·14	14
15	...	·24	...	·03	...	...	...	...	...	...	·21	·07	15
16	...	·05	·01	...	...	·12	·02	...	...	...	·16	·09	16
17	...	...	...	...	...	·53	...	·06	...	...	·11	·12	17
18	...	·17	...	·11	...	·07	...	·02	...	·01	·06	·14	18
19	...	·03	...	·07	...	Trace	·01	...	·34	·18	·07	·49	19
20	...	·18	...	·61	...	·02	·07	·33	·06	·02	...	·37	20
21	·01	·59	...	·03	...	·04	...	·02	·11	·04	...	·18	21
22	...	...	...	...	...	·01	...	...	...	·25	...	·03	22
23	...	·27	...	...	·04	·05	...	·01	·17	·09	...	·26	23
24	·06	·10	...	·15	...	·88	...	·11	·05	·15	...	·06	24
25	...	·09	...	·17	...	·16	...	...	·74	·19	...	·17	25
26	...	·02	...	·20	...	·02	·01	·14	...	·32	·11	·42	26
27	...	·20	...	·18	...	...	...	·54	·72	...	...	·23	27
28	...	·15	...	·36	...	·17	...	...	·10	...	...	·30	28
29	...		...	·62	...	·20	·05	·08	·21	·73	...	·12	29
30	...		...	...	...	·01	·10	...	...	·18	·05	...	30
31	...		·23		·33		·03	...		·03		·01	31
Total	0·81	2·83	1·15	2·53	1·49	2·28	0·35	3·63	4·63	2·36	3·16	4·96	TOTAL for year 30·18
No. of Rain Days	9	15	11	11	6	13	8	13	15	14	19	28	162

7,000. X. '09.

REGISTER OF RAINFALL IN 1911.

EXME

FORM A2.
BRITISH RAINFALL.

2 MAR 1912

Kept at Hesketh Park, Southport.

in the County of Lancashire C3

by Joseph Baxendell, for the Corporation.

RAIN GAUGE
Pattern Halliwell's Recording
Diameter of top 11 in.
Height of top above Ground 1 ft. 6 in.
" " " Sea Level 39 ft.

Time of Observation Midnight. (30 mins after; as M.O. rule).

Nearest Railway Station
Name Hesketh Park.
Distance 3/8ths mile Direction E.S.E.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
Rule inapplicable.
See above

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·15	...	·07	...	...	·06	·02	·14	...	...	·02	...	1
2	...	...	·04	...	·28	...	...	...	...	·13	·38	·18	2
3	...	...	...	...	·81	...	...	...	...	...	·14	·02	3
4	...	...	·11	...	...	...	·07	·20	·13	...	·32	·10	4
5	...	...	...	...	...	...	...	1·51	...	·01	·07	·03	5
6	·41	...	·11	...	...	...	...	·43	...	...	·42	...	6
7	·01	...	...	...	...	...	...	...	...	...	·17	·04	7
8	...	...	·14	...	...	...	...	...	·02	·04	·07	·40	8
9	·04	...	·08	...	...	...	...	...	...	...	...	·17	9
10	·03	·08	·19	...	...	...	...	...	...	...	...	·39	10
11	·18	...	·03	...	...	...	...	...	·20	...	...	·30	11
12	...	·01	·13	...	·01	...	...	...	1·55	...	·58	·01	12
13	...	...	...	...	...	...	...	...	·22	...	·07	·05	13
14	·05	·66	...	...	·01	...	...	...	...	...	·13	·11	14
15	...	·03	...	...	...	...	...	...	...	...	·19	·17	15
16	...	·24	...	·03	...	·09	...	...	...	...	·01	·08	16
17	...	...	·01	...	...	·14	·02	...	...	...	·22	·12	17
18	...	·18	...	·11	...	·45	...	·08	...	...	·05	·12	18
19	...	·01	...	...	...	·07	...	...	·15	·19	·12	·03	19
20	...	·06	...	·07	...	...	·08	·10	·24	·03	...	·84	20
21	...	·66	...	·61	...	·03	...	·25	·12	·04	...	·04	21
22	·01	·08	...	·03	...	·01	...	·02	...	·13	...	·18	22
23	...	·27	...	...	·04	·03	...	...	·18	·16	...	·15	23
24	·04	·05	...	·06	...	·82	...	·12	·04	·17	...	·18	24
25	·02	·14	...	·15	...	·12	...	...	·75	·15	...	·15	25
26	...	...	...	·12	...	·15	·01	·13	...	·37	·05	·42	26
27	...	·19	...	·34	...	...	...	·22	·71	...	·07	·14	27
28	...	·18	...	·30	...	...	...	·32	·07	...	...	·23	28
29	...		...	·67	...	·35	·05	...	·16	·56	·01	·16	29
30	...		...	·02	...	·01	·09	·08	·09	·30	·05	·13	30
31	...		·23		·26		·03	...		·07		...	31
Total	·94	2·84	1·14	2·51	1·41	2·33	·37	3·60	4·63	2·35	3·14	4·94	TOTAL for year 30·20
No. of Rain Days	10	15	11	12	6	13	8	13	15	14	20	28	165

7,000. X. '09.

Ex DL

REGISTER OF RAINFALL IN 1912.

FORM A.
BRITISH RAINFALL.

27 FEB 1913

Kept at Hesketh Park, Southport,
in the County of Lancashire, C3
by Joseph Baxendell, for the Southport Corporation.

Lat. 53° 39' 24" N. Long. 2° 59' 3" W.
Time of Observation 9 a.m. next day
Nearest Railway Station Hesketh Park.
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 38 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
Rule conformed to.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	Trace	...	·26	...	...	·05	...	·14	·23	...	...	·21	1
2	Trace	·01	·40	Trace	·02	·18	·06	...	·08	...	...	·03	2
3	·28	...	·03	...	...	·09	...	·44	·31	...	·01	·04	3
4	·39	...	·71	·04	·03	·44	...	·42	·26	...	·53	...	4
5	·02	Trace	Trace	...	·22	·04	...	·01	·06	·04	·02	·01	5
6	·49	·16	Trace	...	·05	...	...	·02	...	...	·01	·02	6
7	...	·04	·02	·03	·23	·15	·17	·10	·07	...	Trace	·06	7
8	·44	·25	·02	·06	...	·08	...	·06	·18	...	...	...	8
9	·05	·03	·29	·26	...	·46	...	...	...	...	·09	·08	9
10	·07	...	...	...	·01	·24	·03	·04	...	...	·24	·01	10
11	·01	...	Trace	...	·06	...	·05	...	...	...	...	·33	11
12	·10	·12	·48	...	...	·11	·04	...	...	...	...	·01	12
13	·07	...	...	...	...	...	...	·24	·01	·25	...	·08	13
14	·25	...	·43	...	...	·26	...	·12	Trace	·03	...	·15	14
15	·07	·23	·05	...	·07	·21	...	·02	...	...	·01	·05	15
16	·45	Trace	·11	...	...	...	...	·06	...	·29	·02	·02	16
17	·65	·31	·14	...	·01	1·07	...	·63	...	·02	·41	·40	17
18	·12	·02	·01	...	...	·04	...	·03	...	·23	·12	·11	18
19	...	...	·58	...	...	·01	...	·08	...	·12	·01	...	19
20	·05	...	·15	...	·41	Trace	·14	·10	...	·18	·01	·08	20
21	Trace	·03	·06	...	·12	·01	·06	·07	...	·40	...	·12	21
22	...	·22	...	...	·39	...	·11	·58	...	...	·01	·03	22
23	...	...	·19	...	...	·07	·20	·74	...	·21	·26	·01	23
24	Trace	·01	·13	...	...	·21	·10	·09	...	·20	·10	·22	24
25	...	...	·11	...	...	·19	...	...	...	...	·24	·16	25
26	...	·08	·23	...	...	·02	·37	·20	...	1·57	·08	·11	26
27	...	·01	·18	...	...	·56	·28	...	...	·33	·09	·08	27
28	...	·09	·03	...	...	·15	·32	·27	·01	·29	·14	·04	28
29	...	·03	·01	...	...	...	·46	·09	·18	·12	...	·04	29
30	·01		·11	Trace	·24	·07	·05	Trace	...	·04	·08	...	30
31	...		·06		·36		1·79	·26		...		·33	31
Total	3·52	1·64	4·79	0·39	2·22	4·71	4·23	4·81	1·39	4·12	2·48	2·83	YEAR'S TOTAL 37·13
Rain Days.	17	16	25	4	14	23	16	24	10	16	20	27	212

W. 7,500, XI. ·12

[illegible] W.D. 14·III·13

Ex DL

REGISTER OF RAINFALL IN 1912.

FORM A2.
BRITISH RAINFALL.

27 FEB 1913

Kept at Hesketh Park, Southport,

in the County of Lancashire, C3

by Joseph Baxendell, for the Southport Corporation.

RAIN GAUGE
Pattern Snowdon.
Diameter of top 5 in.
Height of top above Ground 1 ft. 0 in.
" " " Sea Level 38 ft.

Time of Observation 9p. & 9a. next day until 9a. on July 1; afterwards 6p. to 6p.

Nearest Railway Station
Name Hesketh Park.
Distance 3/4th mile Direction E.S.E.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. 0·31
Rule conformed to to July 1.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in. (9a. to 6p.)	in.	in.	in.	in.	in.	
1	...	...	·25	...	...	trace	...	1·75	·26	...	...	·17	1
2	...	·01	·38	...	·02	·05	(6p.) ·06	·10	·23	...	...	·18	2
3	·28	...	·04	...	...	·19	...	...	·17	...	...	·04	3
4	·38	...	·73	·04	·02	·08	...	·62	·22	...	·07	·02	4
5	·02	Trace	...	...	·22	·44	...	·24	·30	...	·45	...	5
6	·50	·16	...	...	·05	·03	...	·01	·02	·04	·02	·01	6
7	...	·03	·02	·03	·23	...	...	·10	·01	...	·01	·04	7
8	·46	·24	·01	·06	...	·15	·17	...	·25	...	...	·03	8
9	·05	·03	·29	·26	...	·08	...	·06	...	...	·02	·05	9
10	·07	...	...	...	...	·47	...	...	...	...	·21	·02	10
11	·01	...	...	...	·06	·24	·04	·04	...	...	·09	·15	11
12	·09	·12	·49	...	...	...	·08	...	...	...	...	·19	12
13	·07	...	...	...	...	·11	...	·10	...	Trace	...	·05	13
14	·25	...	·43	...	...	...	...	·20	·01	·25	...	·04	14
15	·06	·22	·04	...	·07	·25	...	·09	...	·02	...	·15	15
16	·45	...	·11	...	...	·21	...	·02	...	·13	·02	·05	16
17	·67	·30	·14	...	·01	...	...	·11	...	·19	·05	·04	17
18	·12	·02	·01	...	...	1·07	...	·58	...	·12	·39	·38	18
19	...	...	·58	...	...	·03	...	·08	...	·10	·12	·10	19
20	·06	...	·15	...	·41	Trace	...	·02	...	·26	·01	·05	20
21	Trace	·03	·06	...	·12	Trace	·18	·07	...	·41	·01	·02	21
22	...	·22	...	...	·39	·01	·04	·05	...	·03	...	·12	22
23	...	...	·19	...	...	...	·08	1·26	...	...	·11	·03	23
24	...	·01	·13	...	...	·06	·26	·06	...	·41	·15	·21	24
25	...	...	·11	...	...	·21	·05	·09	...	...	·30	·07	25
26	...	·08	·22	...	...	·19	...	·19	...	·43	·10	·20	26
27	...	·01	·18	...	...	·02	·37	...	...	·98	·04	...	27
28	...	·09	·03	...	...	·56	·33	·07	...	·34	·08	·10	28
29	...	·03	·01	...	...	·15	·48	·19	·01	·28	·10	...	29
30	·01		·11	...	·24	...	·25	·07	·18	·12	·01	·04	30
31	...		·06		·36	(9a. 1 July) ·07	·14	...		...		·02	31
Total	3·55	1·60	4·77	·39	2·20	4·67	1·75 ~~2·53~~ 4·28	·26 ~~6·17~~ 4·68	— ~~1·66~~ 1·40	— ~~4·11~~ 4·11	·17 ~~2·36~~ 2·53	·31 ~~2·57~~ ~~+·31~~	TOTAL for year 36·89
No. of Rain Days	17	16	25	4	13	22	~~16~~ 15	25	~~11~~ 10	16	~~21~~ 22	28 2·71	213

9,000, IX. '10. June entries all one day late, accidentally. From 1 July, Gauge used as 6 p.m. M.O. Health Resort one.

REGISTER OF RAINFALL IN 1912.

Halliwell's recording gauge. (amount.)

BRITISH RAINFALL FORM A.
27 FEB 1913

Kept at Hesketh Park, Southport,

in the County of Lancashire, C3

by Joseph Baxendell, for the Southport Corporation.

Lat. 53° 39′ N. Long. 2° 59′ W.
Time of Observation Midnight (30 minutes after, [illegible])
Nearest Railway Station Hesketh Park.
Diameter of Rain Gauge 11 in.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 39 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. 0·31

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	·01	...	·22	...	·01	·01	·07	1·25	·33	...	...	·24	1
2	...	·01	·28	...	·03	·16	·06	...	·05	...	...	·04	2
3	·22	...	·22	...	...	·13	...	·08	·20	...	...	·04	3
4	·38	...	·67	·01	·02	·31	...	·55	·28	...	·38	...	4
5	·06	·01	·03	·03	·20	·18	...	·24	·22	...	·14	...	5
6	·54	·13	...	...	·08	...	...	·03	·01	·05	·03	·01	6
7	...	·05	...	·03	·23	·14	·01	·10	·07	...	...	·07	7
8	·34	·25	·04	·07	...	·09	·16	...	·19	...	...	...	8
9	·14	·01	·07	·23	...	·37	...	·07	...	...	·07	·08	9
10	...	·03	·21	·02	...	·35	...	...	...	...	·18	...	10
11	·07	...	...	...	·07	...	·09	·04	...	...	·08	·25	11
12	·01	...	·20	...	...	...	·04	...	...	...	...	·10	12
13	·08	·12	·29	...	...	·10	...	·15	...	·20	...	·09	13
14	·31	...	·28	...	...	·26	...	·20	·01	·07	...	·13	14
15	·03	·21	·20	...	·06	·03	...	·03	...	...	...	·06	15
16	·24	...	·03	...	·01	·18	...	·01	...	·30	·02	·01	16
17	·75	·22	·22	...	...	·47	...	·60	...	·02	·28	·37	17
18	·26	·11	...	...	·01	·65	...	·11	...	·23	·20	·06	18
19	...	·02	·02	...	...	·01	...	·08	...	·03	·06	·09	19
20	·01	...	·59	...	·38	...	...	·04	...	·27	...	·08	20
21	·04	...	·18	...	·03	·02	·19	·10	...	·40	·01	·10	21
22	...	·24	...	...	·44	...	·05	·01	...	...	...	·02	22
23	...	...	·01	...	·07	·07	·27	1·32	...	·02	·20	·04	23
24	...	...	·31	...	...	·03	·09	·02	...	·59	·07	·20	24
25	...	·01	·10	...	...	·38	·02	·08	...	...	·30	·07	25
26	...	·04	·22	...	...	...	...	·20	...	1·16	·11	·20	26
27	...	·05	·14	...	...	·37	·40	...	...	·39	·05	·07	27
28	...	...	·08	...	...	·34	·61	·20	...	·24	·06	·04	28
29	...	·09	·01	...	...	·03	·35	·15	·01	·21	·11	·04	29
30	...		...	...	·11	...	·17	...	·19	·13	·05	...	30
31	·01		·19		·48		·63	·13		·03		·3~~4~~ see note.	31
Total	3·50	1·60	4·81	0·39	2·23	4·68	3·21	5·79	1·56	4·14	2·40	2·8~~4~~	YEAR'S TOTAL ~~36·84~~
Rain Days.	18	17	25	6	16	23	16	25	11	17	19	26	219

W. 7,500, XI. ·12 "Hour" altered from "Midnight", to "9 a.m. next day", on 1 Jan. 1913. (Say to be used) 37·15

Aug. 21 Cor. by C. 18 · III · 14.

REGISTER OF RAINFALL IN 1913.

FORM A2.
BRITISH RAINFALL.

19 FEB 1914

C3

Kept at Hesketh Park, Southport,

in the County of Lancashire.

by Joseph Baxendell, for the Southport Corporation.

RAIN GAUGE
Pattern Meteorological Office
Diameter of top 8 in.
Height of top above Ground 1 ft. 0 in.
" " " Sea Level 38 ft.

Time of Observation 9 a.m. next day.

Nearest Railway Station
Name Hesketh Park.
Distance 3/8th mile Direction E.S.E.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
Rule conformed to.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·01	·11	·12	·01	Trace	...	...	...	...	...	·05	...	1
2	·04	·12	·23	·04	...	·14	...	...	...	...	·15	·08	2
3	·02	...	·21	...	·66	...	...	...	...	...	·01	·29	3
4	·21	·05	·01	...	·02	...	·03	...	...	·03	·06	·41	4
5	·26	·04	·07	...	·06	·19	·06	...	...	·07	·06	·05	5
6	·04	·19	·17	Trace	·34	·17	·55	...	...	·07	·40	·05	6
7	...	·19	·02	...	·15	·51	...	...	...	·36	·11	·04	7
8	...	·18	·07	...	·05	·02	·02	·01	·01	·04	·01	·01	8
9	...	·17	·12	·10	·19	·49	·24	·03	...	...	·07	·20	9
10	·03	·01	·14	·12	·03	...	·02	...	·03	·03	·11	...	10
11	·66	...	Trace	·17	...	·03	·04	·04	...	·10	·31	·07	11
12	·22	·01	Trace	...	·02	·01	·04	...	·39	...	·15	...	12
13	...	...	·34	...	...	...	·02	·04	·09	·07	·26	...	13
14	·08	...	·18	·07	Trace	...	...	·05	·04	·41	·11	·01	14
15	...	...	·23	·69	...	...	...	...	·01	Trace	·18	·03	15
16	·01	...	·03	·04	...	...	·01	...	...	...	·14	...	16
17	·02	...	·02	·13	·03	·01	·12	...	Trace	...	·28	...	17
18	·03	...	·33	·07	·03	·05	·12	...	...	...	·05	...	18
19	·08	...	·01	·04	·08	·07	...	...	·05	·19	·06	...	19
20	·10	...	·10	·04	Trace	·03	·01	...	·03	·19	·81	...	20
21	...	...	·04	...	·05	...	·05	~~·21~~ ·18	...	·02	·02	...	21
22	·43	...	·61	...	·03	·29	...	·84	·18	...	...	...	22
23	·48	...	·01	...	·28	·08	...	·21	·11	·03	·13	·01	23
24	·22	·06	...	·10	...	...	...	...	...	...	·10	·01	24
25	...	...	...	·04	...	...	...	...	·41	·07	Trace	·19	25
26	...	·01	...	·63	...	·01	...	...	·94	...	...	·33	26
27	...	·01	...	·21	...	Trace	...	...	...	·16	·09	·07	27
28	·24	...	·09	·27	·02	...	...	...	...	·29	Trace	·01	28
29	...		·13	·29	·10	...	...	·09	...	·12	·09	...	29
30	·55		...	...	·01	...	...	...	...	·07	·02	...	30
31	·07		·14		·09		...	...		...		...	31
Total	3·80	1·15	3·42	3·06	2·24	2·10	1·33	1·49	2·29	2·32	3·83	1·86	TOTAL for year 28·89
No. of Rain Days	21	13	24	18	19	15	14	9	12	18	26	17	206

9,000, IX. '10.

✓

REGISTER OF RAINFALL IN 1913.

FORM A.
BRITISH RAINFALL.

19 FEB 1914

Kept at Hesketh Park, Southport,
in the County of Lancashire. CJ
by Joseph Baxendell, for the Southport Corporation.

Lat. 53° 39′ 24″ N. Long. 2° 59′ 3″ W.
Time of Observation 6 p.m. (M.O. Health Resort record.)
Nearest Railway Station Hesketh Park.
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. " in.
" " " " Sea Level 38 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	...	·02	...	·11	...	...	...	...	...	...	...	·02	1
2	...	·22	·12	·04	...	...	...	...	...	...	·06	·08	2
3	·04	Trace	·44	...	·31	·14	...	...	...	...	·15	...	3
4	·02	·04	...	...	·35	...	·03	...	...	...	Trace	·47	4
5	·44	·04	Trace	...	·02	·19	...	...	...	·08	·07	·23	5
6	·03	·03	·07	·01	·38	...	·08	...	...	·05	·43	·08	6
7	·01	·34	·17	...	...	·17	·53	...	...	·36	·02	·04	7
8	...	...	·02	...	·17	·53	...	...	...	·07	·11	·01	8
9	...	·17	·17	...	·19	·08	·03	·01	·01	...	...	·19	9
10	...	·18	·03	·14	·02	·41	·25	·03	...	...	·16	...	10
11	·38	...	·14	·25	·02	...	...	·04	·03	·10	·04	...	11
12	·37	...	...	·01	·01	·03	·05	...	Trace	·03	·37	·07	12
13	·17	·01	...	...	...	Trace	·03	·02	·38	...	·07	...	13
14	...	...	·41	...	Trace	...	·02	·03	·13	·39	·28	...	14
15	·08	...	·10	·07	...	...	...	·04	Trace	·09	·08	·01	15
16	...	...	·23	·72	...	...	·09	...	...	...	·17	·03	16
17	...	...	·05	·04	...	Trace	·05	...	...	...	·14	...	17
18	·04	...	...	·10	...	...	·13	...	Trace	...	·35	...	18
19	·06	...	·33	·10	·06	·05	...	...	...	...	·01	...	19
20	·03	...	·11	...	·08	·06	·04	...	·05	·20	·06	...	20
21	·08	...	·03	·06	Trace	·03	·02	·01	·03	·18	·78	...	21
22	·05	...	·25	...	·05	...	...	·63	...	·02	·02	...	22
23	·77	...	·36	...	·07	·29	...	·37	·26	...	...	·01	23
24	·29	...	...	...	·23	·08	...	·20	·03	·03	·13	...	24
25	·02	·06	...	·10	...	...	...	...	·05	Trace	·10	·01	25
26	...	...	...	·05	...	·01	...	...	·62	·07	·01	·34	26
27	...	·02	...	·68	...	...	...	...	·69	...	·06	·18	27
28	·19	...	·08	·42	...	Trace	...	...	...	·16	·03	·07	28
29	·05		...	·01	·11	...	...	...	...	·36	...	·01	29
30	·18		·13	·27	·02	...	...	·09	...	·06	·08	...	30
31	·41		·03		·09		...	...		·07		...	31
Total	3·71	1·13	3·27	3·18	2·18	2·07	1·35	1·47	2·28	2·32	3·78	1·85	YEAR'S TOTAL 28·59
Rain Days.	21	11	20	18	17	13	13	11	11	17	25	17	194

W.7,000, XI. 13

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REGISTER OF RAINFALL IN 19/3

FORM A.
BRITISH RAINFALL.

19 FEB 1914

Kept at Hesketh Park, Southport,
in the County of Lancashire. C3
by Joseph Baxendell, for the Southport Corporation.

Lat. 53° 39′ 24″ N. Long. 2° 59′ 3″ W.
Time of Observation 9 a.m. next day
Nearest Railway Station Hesketh Park.
Diameter of Rain Gauge 11 in.
Height of top of Gauge above Ground 1 ft. 5 in.
" " " " Sea Level 39 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
Rule conformed to.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	...	·11	·12	·01	...	...	...	...	...	...	·05	...	1
2	·04	·12	·23	·04	...	·14	...	...	...	...	·16	·07	2
3	·02	...	·21	...	·66	...	...	...	...	...	·01	·30	3
4	·20	·05	·01	...	·02	...	·04	...	...	·03	·06	·41	4
5	·25	·04	·07	...	·06	·19	·06	...	...	·08	·06	·05	5
6	·04	·19	·17	...	·34	·16	·56	...	...	·07	·39	·05	6
7	...	·18	·02	...	·14	·52	...	...	...	·36	·11	·05	7
8	...	·18	·08	...	·05	·01	·02	·01	·01	·04	·01	...	8
9	...	·18	·10	·10	·19	·49	·25	·03	...	...	·07	·19	9
10	·03	...	·14	·12	·02	...	·02	·01	·04	·03	·10	...	10
11	·66	...	...	·17	·02	·03	·05	·03	...	·10	·31	·06	11
12	·22	·01	...	...	...	·01	·02	...	·39	...	·15	...	12
13	...	...	·34	...	...	...	·02	·04	·09	·07	·25	...	13
14	·08	...	·18	·07	·01	...	...	·05	·04	·41	·11	·01	14
15	...	...	·23	·69	...	...	...	...	...	...	·18	·03	15
16	...	...	·03	·03	...	...	·01	...	...	...	·14	...	16
17	·02	...	·01	·14	·03	·01	·12	...	·01	...	·30	...	17
18	·03	...	·33	·07	·03	·05	·12	...	...	...	·03	...	18
19	·08	...	·01	·04	·08	·07	...	...	·05	·19	·06	...	19
20	·10	...	·10	·05	...	·03	·01	...	·03	·18	·81	...	20
21	...	...	·04	...	·06	...	·05	·21	...	·02	·02	...	21
22	·46	...	·60	...	·03	·29	...	·81	·19	...	...	...	22
23	·45	...	·02	...	·28	·07	...	·21	·11	·03	·13	·01	23
24	·20	·07	—	·10	...	...	...	...	...	...	·10	·01	24
25	...	...	...	·05	...	...	...	...	·41	·07	...	·19	25
26	...	·01	...	·64	...	·01	...	...	·94	...	·02	·33	26
27	...	·01	...	·20	...	...	...	...	...	·16	·08	·07	27
28	·24	...	·09	·27	·02	...	...	...	...	·28	...	·01	28
29	...		·13	·29	·10	...	...	·09	...	·12	·09	...	29
30	·54		...	...	·01	...	...	...	...	·07	·02	...	30
31	·07		·13		·09		...	...		...		...	31
Total	3·73	1·15	3·39	3·08	2·24	2·08	1·35	1·49	2·31	2·31	3·82	1·84	YEAR'S TOTAL 28·79
Rain Days.	19	12	24	18	20	15	14	10	12	18	27	16	205

W.7,000, XI. 13

82/

and by B.P.C [illegible]

Mf

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.

21 JAN 1915

1/18

Kept at Southport

in the County of C Lancashire C 3

by J. Baxendell

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Rain Gauge ~~5~~ in.

Height of top of Gauge above Ground ~~1~~ ft. - in.

" " " " Sea Level ~~38~~ ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			·11			·05	·61	·14			·01	·25	1
2	·01			·03	·06		·38	·20		·01	·11	·26	2
3	·04		·03		·38			·03				·85	3
4	·08		·11	·41	·09	·03	·07				·37	·29	4
5	·08		·44	·12	·05		·04	·03			·06	·06	5
6			·02	·14	·18	·02	·05	·06			·17	·05	6
7	·05		·18	·01	·10	·02	·07	·12			·09	·14	7
8	·52	·01	·11		·16	·09	·17	·57	·19	·06		·02	8
9	·36	·20	·64	·07	·06	·54		·07	·34		·10		9
10	·02	·09	·04			·10			·22		·14		10
11		·08	·28		·02		·11		·19		·26	·27	11
12		·25	·12		·04		·36		·50		·18	·01	12
13		·19	·15	·01	·02		·03		·11	·17	·42	·15	13
14		·08	·03								·21	·20	14
15		·02	·25						·14		·10		15
16							1·19		1·36				16
17		·28	·21				·27		·33			·57	17
18		·02	·10						·12			·09	18
19			·10				·31		·10		·01	·27	19
20		·28	·04			·32						·02	20
21		·13				·07		·01		·04		·09	21
22		·28		·02	·34	·10		·04					22
23		·01	·08	·03	·24		·27				·01		23
24	·02		·42	·01			·18	·04			·26		24
25	·06				·02		·08	·30		·79	·08	·51	25
26	·01		·01		·01		·02			·46	·27	·19	26
27	·10								·02	·36	·34	·55	27
28	·05	·09	·23		·07					·48	·14	·09	28
29	·06		·04		·10	·01	·01				·03	·06	29
30			·08					·03			·20	·11	30
31	·11		·05		·01		·51			·10			31
Total	1·57	2·01	3·27	·85	1·95	1·35	4·73	1·64	3·62	2·47	3·56	5·10	YEAR'S TOTAL 32·12
Rain Days.	15	15	25	10	18	11	19	13	12	9	22	23	192

W.7,000, XI. 13

Ex DL

REGISTER OF RAINFALL IN 1914.

FORM A.
BRITISH RAINFALL
12 FEB 1915

Kept at Hesketh Park, Southport,

in the County of Lancashire C 3

by Joseph Baxendell, for the Southport Corporation

Lat. 53°39'24"N Long. 2°59'3"W.
Time of Observation 6 p.m.
Nearest Railway Station Hesketh Park
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 38 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
0·00

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	...	·10	·09	...	...	...	·24	·43	...	...	·11	·30	1
2	·01	...	·10	...	...	·05	·41	·33	...	...	·05	·14	2
3	·04	...	...	·03	·06	...	·34	...	...	·01	·05	·27	3
4	·07	...	·13	...	·38	...	...	·03	...	...	...	·97	4
5	·08	...	·36	·50	·10	·03	·09	...	...	...	·41	·20	5
6	·05	...	·09	·08	·04	...	·02	·07	...	...	·09	·03	6
7	...	Trace	·02	·10	·25	·02	·11	·02	...	...	·10	·06	7
8	·16	·01	·18	·01	·14	·08	·18	·18	·19	Trace	·09	·12	8
9	·42	·09	·11	·07	·07	·04	...	·58	·32	·06	...	·01	9
10	·36	·10	·04	Trace	·07	·63	...	...	·02	...	·11	...	10
11	...	·09	·04	...	·02	...	...	...	·29	...	·36	·03	11
12	...	·14	·28	...	...	Trace	·47	...	·30	...	·13	·22	12
13	...	·29	·17	·01	·06	...	...	...	·31	...	·18	·04	13
14	...	·09	·10	...	...	...	·03	...	·11	·17	·31	·30	14
15	...	·09	·04	...	...	...	...	...	·01	Trace	·31	·01	15
16	...	·02	·25	...	...	...	...	...	·25	...	...	Trace	16
17	...	·06	...	...	...	...	1·34	...	1·52	...	...	·03	17
18	...	·23	·21	...	...	...	·13	...	·11	...	...	·59	18
19	...	...	·20	...	...	...	·21	...	·11	...	Trace	·15	19
20	...	...	...	...	...	...	·10	...	·09	...	...	·16	20
21	...	·28	·04	...	...	·39	...	Trace	...	...	...	·09	21
22	...	·15	...	...	...	·04	...	...	...	·04	...	·04	22
23	...	·27	·05	·02	·36	·07	·15	·04	...	...	...	...	23
24	·02	...	·03	·04	·23	...	·13	·04	...	...	·07	...	24
25	...	...	·42	...	·02	...	·18	...	...	·57	·19	·01	25
26	·06	...	Trace	...	·01	...	·08	·30	...	·22	·33	·63	26
27	·06	...	·01	...	...	...	·02	...	...	·49	Trace	·19	27
28	·04	...	...	...	...	...	...	...	·02	·82	·33	·42	28
29	·09	X	·23	...	·10	·01	...	Trace	...	...	·14	·14	29
30	·02	X	·04	...	·08	...	·01	·03	...	...	·03	...	30
31	·01	X	·12	X	·01	X	·09	...	X	·01	X	·11	31
Total	1·49	2·01	3·35	0·86	2·00	1·36	4·33	2·05	3·65	2·39	3·39	5·26	YEAR'S TOTAL 32·14
Rain Days.	15	15	25	9	17	10	20	11	14	9	19	26	190

W. 8,000. X. 14.

Exc DL

REGISTER OF RAINFALL IN 1914.

FORM A. BRITISH RAINFALL.
12 FEB 1915

Kept at Hesketh Park, Southport,

in the County of Lancashire C 3

by Joseph Baxendell, for the Southport Corporation.

Lat. 53°39'24"N. Long. 2°59'3"W.
Time of Observation 9 a.m. next day
Nearest Railway Station Hesketh Park
Diameter of Rain Gauge 11 in.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 39 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. Rule is conformed to.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	...	...	·11	...	...	·06	·64	·16	...	...	·01	·24	1
2	...	...	...	·03	·06	...	·34	·18	...	·01	·11	·26	2
3	·04	...	·03	...	·39	...	...	·03	...	...	...	·86	3
4	·08	...	·12	·41	·08	·03	·07	...	...	...	·38	·29	4
5	·08	...	·44	·12	·05	...	·04	·03	...	...	·05	·06	5
6	...	...	·02	·14	·18	·03	·04	·06	...	...	·17	·04	6
7	·05	·01	·18	·01	·11	·02	·08	·12	...	...	·09	·14	7
8	·51	·01	·11	...	·16	·09	·16	·56	·19	·06	...	·02	8
9	·36	·20	·04	·07	...	·54	...	·07	·34	...	·10	...	9
10	·02	·09	·04	...	·07	·09	...	...	·23	...	·13	...	10
11	...	·08	·27	...	·02	...	·11	...	·18	...	·26	·25	11
12	...	·25	·13	...	·05	...	·36	...	·51	...	·18	·03	12
13	...	·19	·13	·02	·01	...	·03	...	·11	·17	·42	·12	13
14	...	·08	·04	...	...	...	...	...	...	...	·20	·19	14
15	...	·02	·25	...	...	...	...	...	·14	...	·09	...	15
16	...	...	·01	...	...	...	1·20	...	1·39	...	...	...	16
17	...	·29	·20	...	...	...	·26	...	·30	...	...	·55	17
18	...	·02	·11	...	...	...	...	...	·11	...	·01	·09	18
19	...	...	·11	...	...	...	·30	...	·10	...	·01	·27	19
20	...	·28	·04	...	...	·32	...	...	...	...	...	·02	20
21	...	·12	...	...	...	·07	...	·01	...	·05	...	·09	21
22	...	·28	...	·01	·34	·11	...	·05	...	...	...	...	22
23	...	·02	·08	·02	·25	...	·28	·04	...	...	...	...	23
24	·02	...	·42	·02	...	...	·19	...	...	...	·25	...	24
25	·06	...	...	...	·01	...	·07	·30	...	·78	·07	·50	25
26	·01	...	·01	...	·02	...	·03	...	...	·45	·27	·19	26
27	·09	...	...	...	...	...	...	...	·02	·51	·34	·53	27
28	·06	·09	·23	...	·07	·01	...	·01	...	·32	·14	·09	28
29	·06		·03	...	·10	...	·01	...	...	...	·03	·06	29
30	...		·08	...	...	...	...	·03	...	...	·21	·11	30
31	·11		·05		·01		·51	...		·10		...	31
Total	1·55	2·03	3·28	0·85	1·98	1·37	4·72	1·65	3·62	2·45	3·52	5·00	YEAR'S TOTAL 32·02
Rain Days.	14	16	26	10	18	11	19	14	12	9	22	23	194

W. 8,000. X. 14.

8L 3166 1/18

REGISTER OF RAINFALL IN 1915

FORM A. BRITISH RAINFALL.

Kept at Southport, Hesketh Park

in the County of C. Lancashire C

by J. Baxendell

Lat. .... Long. ....

Time of Observation ....

Nearest Railway Station ....

Diameter of Rain Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

" " " " Sea Level .... ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ....

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	32	·25			·21		·22	·03		·01		·04	1
2		·45	·33	·31		·10	·21	·44				·01	2
3	·30	·03	·06	·49			·44		·07			·50	3
4	·01	·30	·01		·21	·14						·66	4
5	·13	12	·16		·01	·01		·01				·93	5
6	·14	·02		·23			·66	·11				·19	6
7	·83	·29		·13			·30	·54				·05	7
8	·11	·02		·15				·29			·43		8
9		·09		·08			·01				·26	·54	9
10	·59		·18	·10				·36			·03	·13	10
11	·10				·41			·01		·01	·22	·21	11
12	·29	·05		·11	·01					·18	·45		12
13	·02	·01		·02				·02		·03	·07	·05	13
14	·10			·04	·01			·18	·13	·01	·06	·13	14
15	·50			·02					·02		·43	·33	15
16		·42			·26		·36	·66				·01	16
17		23	·04		·02			·10				·20	17
18		·46	·04										18
19	01	·06	·07	·03	·11		·16			·01			19
20	·18	·02	·02		·03							·25	20
21	·08	·08		·26			·20					·30	21
22		04	02			·18	·03			·05		·09	22
23		·10	·11	·04		·05			·07	·43		·22	23
24			·22	·02					·45	·04	·01	·41	24
25						·47			·22			·27	25
26		·27				·28	·19					·37	26
27		·07					·78			·35		·18	27
28		·17			·02	·41		·54		·16		·01	28
29					·01						·10	·04	29
30	·22	X		·25						·04	·08	·08	30
31	·05	X		X		X	·03	·28	X	·01	X	·24	31
Total	3·98	3·55	1·26	2·28	1·31	1·64	3·59	3·57	·96	1·33	2·14	6·44	YEAR'S TOTAL 32·05
Rain Days.	18	22	12	16	12	8	13	14	6	13	11	27	172

W. 8,000. X. 14.

3165

FORM A.
BRITISH RAINFALL.

19 FEB 1916

REGISTER OF RAINFALL IN 1915.

Kept at Hesketh Park, Southport,

in the County of Lancashire,

by Joseph Baxendell, for the Southport Corporation.

Lat. 53-39N. Long. 2-59W.
Time of Observation 6 p.m.
Nearest Railway Station Hesketh Park.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 36 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. (9 a.m.) 0·18

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·05	·01	·07	...	·41	...	...	·03	·28	...	...	·03	1
2	·27	·57	...	·22	·06	...	·28	·30	...	...	...	·03	2
3	·04	·13	·33	·56	...	·11	·35	·18	·05	...	...	·33	3
4	·26	·07	·07	·03	·09	...	·23	...	·02	...	...	·54	4
5	·13	·24	...	...	·12	·15	...	Trace	...	...	...	·54	5
6	·08	·13	·16	·07	Trace	...	...	·11	...	...	...	·70	6
7	·70	·08	...	·24	...	...	·97	·15	...	...	...	·17	7
8	·21	·20	...	·07	...	...	...	·41	...	...	·12	·06	8
9	·09	·02	...	·14	...	...	...	·27	...	...	·36	·37	9
10	·36	·09	·01	·09	...	...	...	·30	...	...	·24	·29	10
11	·27	...	·17	·10	...	...	...	·06	...	·01	·03	·09	11
12	·05	·04	...	·12	·42	...	·01	·01	...	·18	·58	·17	12
13	·30	·01	...	...	...	...	...	...	...	·03	·11	·03	13
14	·07	...	...	·02	...	...	...	·05	·03	·01	·07	·05	14
15	·09	...	...	·04	·01	...	...	·16	·10	...	·48	·42	15
16	·44	Trace	...	·02	...	...	·04	·58	·02	...	...	·03	16
17	...	·43	...	...	·28	...	·32	·10	...	...	...	·02	17
18	...	·31	·04	...	...	...	...	·10	...	...	...	·18	18
19	...	·41	·04	...	...	...	·13	...	...	·01	...	...	19
20	·03	...	·10	·03	·12	...	·03	...	...	...	...	·04	20
21	·21	·10	...	...	·02	...	...	...	...	...	...	·22	21
22	·02	·02	·03	·26	...	...	·23	...	...	...	...	·33	22
23	...	·09	·10	...	...	·19	·01	...	·07	·06	...	·06	23
24	...	·03	·23	·05	...	·03	...	...	...	·46	...	·36	24
25	...	...	...	...	...	...	...	...	·45	...	·01	·27	25
26	...	...	...	...	...	·76	...	...	·23	...	...	·28	26
27	...	·27	...	...	...	...	·49	...	Trace	...	...	·38	27
28	...	·17	...	...	...	...	·49	...	...	·43	...	·16	28
29	...		...	...	·02	·41	...	·54	...	·07	·03	·02	29
30	...		...	...	·01	...	...	Trace	...	...	·13	·02	30
31	·26		...		...		...	Trace		·05		·14	31
Total	5·93	3·42	1·35	2·06	1·56	1·65	3·58	3·35	1·25	1·31	2·16	6·33	YEAR'S TOTAL 31·95
Rain Days.	20	21	12	16	11	6	13	16	9	10	11	30	175

W. 8,000. X. 15.

3167

FORM A.
BRITISH RAINFALL.

19 FEB 1916

REGISTER OF RAINFALL IN 1915.

Kept at Hesketh Park, Southport,

in the County of Lancashire,

by Joseph Baxendell, for the Southport Corporation.

Lat. 53° 39' N. Long. 2° 59' W.
Time of Observation Self recording, to 9 a.m. next day.
Nearest Railway Station Hesketh Park.
Diameter of Funnel of Rain Gauge 11 in.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 39 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
Rule conformed to.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·32	·24	...	...	·20	...	·23	·03	...	·01	...	·04	1
2	...	·44	·33	·31	...	·11	·20	·43	...	...	...	·01	2
3	·29	·03	·07	·49	...	...	·44	...	·07	...	...	·48	3
4	·01	·27	·02	...	·22	·14	...	...	...	...	...	·64	4
5	·12	·12	·17	...	·01	·01	...	·01	...	...	...	·92	5
6	·14	·02	...	·23	...	...	·66	·11	·01	...	...	·18	6
7	·82	·28	...	·13	...	...	·30	·54	...	...	...	·05	7
8	·10	·02	...	·15	...	...	...	·29	...	...	·43	·01	8
9	...	·09	...	·08	...	...	·02	...	...	...	·25	·51	9
10	·59	...	·18	·11	...	...	...	·35	...	...	·03	·16	10
11	·10	...	...	...	·41	...	...	·01	...	·01	·22	·23	11
12	·29	·06	...	·11	·01	...	...	...	...	·18	·46	...	12
13	·01	·01	...	·02	...	...	...	·02	...	·03	·07	·05	13
14	·10	...	...	·04	·01	...	...	·18	·13	·01	·06	·12	14
15	·49	...	...	·02	...	...	...	...	·01	...	·42	·32	15
16	...	·42	...	...	·27	...	·37	·66	...	...	...	·01	16
17	...	·23	·03	...	·01	...	...	·10	...	...	...	·19	17
18	...	·44	·05	...	...	...	...	...	...	...	...	...	18
19	·01	·07	·07	·03	·11	...	·15	...	...	·01	...	...	19
20	·18	·02	·03	...	·03	...	...	...	...	...	...	·26	20
21	·08	·08	...	·27	...	...	·21	...	...	...	...	·30	21
22	...	·04	·01	...	...	·18	·03	...	...	·05	...	·08	22
23	...	·11	·12	·04	...	·05	...	...	·08	·43	...	·21	23
24	...	...	·22	·02	...	...	...	...	·44	·04	·01	·41	24
25	...	...	...	...	...	·47	...	...	·23	...	...	·26	25
26	...	·26	...	...	...	·28	·19	...	...	...	...	·37	26
27	...	·07	...	...	...	...	·77	...	...	·35	...	·19	27
28	...	·17	...	...	·02	·41	...	·54	...	·16	...	...	28
29	...		...	...	·01	...	...	...	...	...	·10	·04	29
30	·22		...	·25	...	...	...	·01	...	·04	·06	·08	30
31	·05		...		...		·03	·28		·01		·23	31
Total	3·92	3·49	1·30	2·30	1·31	1·65	3·60	3·56	0·97	1·33	2·11	6·35	YEAR'S TOTAL 31·89
Rain Days.	18	22	12	16	12	8	13	15	7	13	11	27	174

W. 8,000. X. 15.

8L 8" gauge Ex Dh

3093
1/17

FORM A. BRITISH RAINFALL.
JAN 1917

REGISTER OF RAINFALL IN 1916

Kept at Southport
in the County of C. Lancashire
by J. Baxendell

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·02	·08	·31			·09	·27				·09		1
2	·19	·33	·09						·57	·28	·06	·01	2
3				·08		·08	·01		·54	·25	·03	·01	3
4	·07	·06			·48	·76			·01	·08	·15		4
5	·11	·21			·18	·01				·55	·23		5
6	·21	·21			·26	·08	·17		·04	·19	·33	·03	6
7		·10			·04		·04			·19	·16	·43	7
8	·03	·13	·01			·18				·02	·18	·11	8
9	·09				·26		·01		·06		·02	·05	9
10		·41	·01	·11	·01	·01	·04			·01	·01		10
11	·04	·20		·80	·06		·03		·10			·12	11
12	·05	·08	·07	·12	·60		·17	·03		·07			12
13		·01	·11	·04	·02			·13		1·72	·01	·02	13
14		·15		·07	·29			·87	·01	·12			14
15		·29	·26	·10	·01		·10	·40	·07	·05			15
16	·02	·11	·01	·33			·05	·13		·16			16
17	·13	·21		·24			·03	·70	·77	·13			17
18		·10		·13				·65	·12	·16	·32	·15	18
19	·11		·18	·19				·10			·30		19
20	·13		·55	·10							·10	·03	20
21	·07		·03		·09						·15		21
22						·14				·07		·07	22
23	·01		·14	·05		·40		·05		·06	·27	·30	23
24		·02		·01	·04			·19		·19		·04	24
25		·02	·22		·05	·05		·09	·14		·21	·02	25
26	·03		·05				·12			·06			26
27		·09	·05		·01	·09			·13	·16		·03	27
28		·03								·57	·01	·52	28
29		·13				·16	·01			·17		·51	29
30		×				·05				·45		·02	30
31		×		×	·05	×		·22	×	·10	×	·05	31
Total	1·31	2·97	2·09	2·37	2·45	2·10	1·05	3·56	2·56	5·81	2·63	2·52	YEAR'S TOTAL 31·42
Rain Days.	16	21	15	14	16	13	13	12	12	24	18	19	193 ✓
W. Days	11 ✓	17 ✓	11 ✓	13 ✓	12 ✓	11 ✓	8 ✓	11 ✓	10 ✓	22 ✓	13 ✓	11 ✓	150

W. W. 3,000. X. 15.

309c

FORM A.
BRITISH RAINFALL.

25 1917

REGISTER OF RAINFALL IN 1916.

Kept at Southport (Hesketh Park),
in the County of Lancashire,
by the Corporation of Southport.

Lat. 53° 39' N. Long. 2° 59' W.
Time of Observation {6 p.m. till July 31, and 9 a.m. next day, from Aug 1
Nearest Railway Station Hesketh Park.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 38 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following. Rule conformed to.

Date	Jan. In.	Feb. In.	March. In.	April. In.	May. In.	June. In.	July. In.	Aug. Mm.	Sept. Mm.	Oct. Mm.	Nov. Mm.	Dec. Mm.	Date.
'02' 1	0·20	0·00	0·12	0·00	0·00	0·16	0·06	0·0	0·0	0·0	2·3	0·0	1
2	·18	·40	·38	·00	·00	·00	·22	0·0	14·1	7·0	1·6	0·3	2
3	·02	·01	·01	·00	·00	·00	·01	0·0	13·4	6·1	0·8	0·2	3
4	·06	·05	·00	·08	·21	·58	·00	0·0	0·1	2·5	3·6	0·0	4
5	·00	·00	·00	·00	·32	·27	·00	0·0	0·0	13·7	5·7	0·0	5
6	·10	·38	·00	·00	·13	·01	Trace	0·0	1·0	4·5	8·2	0·9	6
7	·21	·05	·00	·00	·25	·08	·18	0·0	0·0	4·7	3·9	11·5	7
8	·00	·20	·00	·00	·04	·00	·03	0·0	0·0	0·5	4·5	2·8	8
9	·09	·02	·01	·00	·25	·18	·00	0·0	1·4	0·0	0·4	1·3	9
10	·04	·00	Trace	·00	·01	·00	·02	0·0	0·0	0·3	0·1	0·2	10
11	·03	·61	·00	·12	·01	·01	·02	0·0	2·5	0·0	0·0	3·1	11
12	·02	·00	·05	·92	·42	·00	·20	0·8	0·1	2·2	0·1	0·0	12
13	·04	·08	·02	·02	·22	·00	·01	3·2	0·1	43·4	0·2	0·6	13
14	·00	·07	·10	·06	·10	·00	·00	22·0	0·4	2·9	0·0	0·0	14
15	·00	·17	·21	·05	·21	·00	·00	10·2	1·8	1·2	0·0	0·0	15
16	·00	·27	·04	·33	·01	·00	·13	3·5	0·0	4·0	0·0	0·0	16
17	·02	·07	·00	·10	·00	·00	·02	17·6	19·8	3·2	0·0	0·0	17
18	·13	·25	·00	·28	·00	·00	·02	16·2	2·9	3·9	8·0	3·8	18
19	·08	·03	·08	·08	·00	·00	·00	2·4	0·0	0·0	7·6	0·0	19
20	·04	·00	·19	·26	·00	·00	·00	0·0	0·0	0·0	2·6	0·8	20
21	·13	·00	·47	·04	·00	·00	·00	0·0	0·0	0·0	3·8	0·0	21
22	·07	·00	·00	·00	·09	·11	·00	0·0	0·0	1·7	0·0	2·0	22
23	·00	·00	·14	·00	·00	·03	·00	1·2	0·0	1·6	6·7	7·2	23
24	·01	·00	·00	·05	·04	·40	·00	4·7	0·0	4·8	0·0	1·0	24
25	·00	·03	·13	·01	·05	·00	·00	2·4	3·6	0·1	5·4	0·5	25
26	·01	·01	·09	·00	·00	·05	·00	0·0	0·1	1·4	0·0	0·0	26
27	·02	·00	·09	·00	·01	·01	·12	0·0	3·3	4·0	0·0	0·8	27
28	·00	·08	Trace	·00	·00	·08	·00	0·0	0·0	14·1	0·2	13·1	28
29	·00	0·03	·00	·00	·00	·00	·00	0·0	0·0	4·2	0·0	12·8	29
30	·00	✕	·00	0·00	·00	0·18	·01	0·0	0·0	11·2	Trace	0·4	30
31	0·00	✕	0·00	✕	0·00	✕	0·00	5·4	✕	2·6	✕	1·1	31
Total	1·50	2·81	2·13	2·40	2·37	2·15	1·05	89·6 3·53	64·6 2·54	145·8 5·74	65·7 2·58	64·4 2·53	YEAR'S TOTAL 31·33
Rain Days.	20	19	16	14	17	14	14	12	11	24	17	20	198
	13	13	13	12	13	10	6	11	7	22	13	18	144

W. 8,000, VIII. 16

REGISTER OF RAINFALL IN 1916.

FORM A. BRITISH RAINFALL.
25. JAN. 1917

Kept at Southport (Hesketh Park),
in the County of Lancashire,
by the Corporation of Southport.

Lat. 53° 39' N. Long. 2° 59' W.
Time of Observation 9 a.m. next day.
Nearest Railway Station Hesketh Park.
Diameter of Funnel of Rain Gauge 11 in.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 39 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. Rule conformed to.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0·02	0·07	0·30	...	...	0·09	0·27	...	...	...	0·08	...	1
2	·18	·33	·08	...	...	...	...	...	·57	·28	·06	·02	2
3	...	...	...	·08	...	·08	·01	...	·54	·25	·04	·01	3
4	·07	·06	...	...	·48	·77	...	...	...	·08	·15	...	4
5	·10	·23	...	...	·19	·01	...	...	...	·54	·22	...	5
6	·21	·20	...	...	·26	·08	·18	...	·04	·19	·32	·03	6
7	...	·11	...	...	·05	...	·04	...	...	·19	·16	·43	7
8	·04	·12	·01	...	...	·18	...	...	...	·02	·18	·11	8
9	·09	...	...	...	·27	...	·01	...	·06	...	·02	·05	9
10	...	·41	·01	·11	·01	·02	·04	...	...	·01	·01	...	10
11	·05	·20	...	·80	·05	...	·03	...	·10	...	...	·12	11
12	·05	·08	·08	·12	·60	...	·17	·04	...	·08	...	...	12
13	...	·01	·11	·04	·02	...	...	·13	·01	1·72	·01	·02	13
14	...	·15	...	·08	·30	...	...	·87	·02	·13	...	...	14
15	...	·28	·25	·09	·01	...	·09	·40	·07	·05	...	...	15
16	·03	·10	·01	·33	...	...	·05	·13	...	·17	...	...	16
17	·13	·20	...	·24	...	...	·03	·68	·77	·13	...	...	17
18	...	·10	...	·12	...	...	...	·65	·13	·16	·32	·15	18
19	·12	...	·18	·19	...	...	...	·09	...	...	·30	...	19
20	·13	...	·53	·10	...	...	...	...	...	...	·10	·02	20
21	·08	...	·03	...	·10	...	...	...	...	...	·15	...	21
22	...	...	...	...	...	·14	...	...	...	·06	...	·07	22
23	·01	...	·14	·06	...	·39	...	·05	...	·07	·27	·29	23
24	...	·02	...	...	·04	...	...	·19	...	·19	...	·04	24
25	...	·01	·21	...	·05	·05	...	·09	·14	...	·22	·02	25
26	·03	...	·05	...	...	...	·12	...	...	·06	...	...	26
27	...	·09	·05	...	·01	·10	...	...	·13	·16	...	·03	27
28	...	·03	...	...	...	...	...	...	...	·56	·01	·51	28
29	...	0·13	...	...	...	·17	·01	...	...	·17	...	·50	29
30	...	X	...	...	...	0·05	·01	...	...	·45	...	·02	30
31	...	X	...	X	0·05	X	...	0·20	X	0·11	X	0·04	31
Total	1·34	2·93	2·04	2·36	2·49	2·13	1·06	3·52	2·58	5·83	2·62	2·48	YEAR'S TOTAL 31·38
Rain Days.	16	21	15	13	16	13	14	12	12	24	18	19	193

W. 8,000, VIII. 16

DL Esc DL as published in Fernley Report

REGISTER OF RAINFALL IN 1917

Standard 8⁹ / 9. Used for W&D. average 48.56

FORM A. BRITISH RAINFALL.

Kept at Southport
in the County of C. Lancashire
by J. Baxendell

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			·07	·07				·06	·05		·23	·12	1
2	·27			·12		·02		·01			·04	·08	2
3		·18				·37				·66	·07	·09	3
4	·09	·01	·05							·55		·02	4
5	·33		·13	·10				·01		·19	·30	·02	5
6	·02					·70				·29	·45	·06	6
7	·68									·49	·01	·16	7
8	·07			·30				·31	·02	·62	·27	·23	8
9			·05	·04	·06			·31		·19	·32		9
10	·30		·58	·30	·04			·07					10
11	·10	·03		·01	·03			·27	·03	·49	·04		11
12	·01				·47			·01	·02	·60		·02	12
13				·02		·02		·15	·55	·01	·08	·25	13
14	·04			·02	·25			·02		·04		·08	14
15	·02			·17			·07		·33	·14		·33	15
16		·02		·05				·49	·05	·01	·02	·13	16
17	·01	·02	·15	·43	·14		·17	1·56	·04	·19			17
18		·01	·03	·01	·21		·31		·45				18
19		·29	·36		·31	·09					·01		19
20		·25			·10	·32		·13	·05		·41		20
21		·01	·22		·25			·05	·01	·01	·02		21
22		·01				·02		·27	·10	·26	·03	·02	22
23		·17			·07	·45		·12	·06	·17		·02	23
24			·01			·01	·07	·07		·45	·13		24
25		·10	·05					·19	·23	·13	·05		25
26								·48	·35	·25	·72		26
27			·14		·62	·03	·28	·53		·48	·02		27
28			·18				·03	·27		·14			28
29			·03							·35	·02		29
30		×	·32					·17		·02	·09		30
31		×	·89	×	·11	×		·57	×		×		31
Total	1·94	1·10	3·26	1·64	2·66	2·03	·93	6·12	2·34	6·73	3·33	1·63	YEAR'S TOTAL 33·71
Rain Days.	12	12	16	13	13	10	6	23	15	24	21	15	180
	8	5	13	9	12	5	5	19	11	20	14	10	131 49

W. 8,000, VIII. 16

used for Wat. Days, published by Obsy 2943

FORM A. 13 FEB 1919

Millimetres. M.O. REGISTER OF RAINFALL IN 1917.

Kept at Hesketh Park, Southport

in the County of Lancashire

by Joseph Baxendell, for the Southport Corporation.

Lat. 53° 39′ Long. 2° 59′

Time of Observation ~~9 a.m.~~ 6 p., & 9 a. next day.

Nearest Railway Station Hesketh Park

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 38 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan. mm.	Feb. mm.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	...	...	1·8	1·8	...	0·2	...	1·5	1·3	...	5·8	3·2	1
2	7·0	...	...	3·0	...	0·4	...	0·1	...	...	1·0	2·0	2
3	...	4·8	...	...	...	9·4	...	...	...	16·9	1·9	2·2	3
4	2·3	0·2	1·4	...	...	...	...	...	...	14·0	...	0·4	4
5	8·4	...	3·2	2·5	...	...	...	0·1	...	4·7	7·5	0·5	5
6	0·3	...	...	...	...	18·3	...	...	...	7·4	11·5	1·5	6
7	17·4	...	...	0·1	...	...	...	...	...	12·7	0·3	4·1	7
8	1·5	...	...	7·6	...	0·1	...	7·9	0·4	16·0	6·9	5·7	8
9	...	...	1·6	0·9	1·6	...	...	7·8	...	4·6	8·0	0·1	9
10	7·6	...	14·5	8·0	0·9	...	...	1·7	...	0·1	...	...	10
11	2·4	0·7	...	0·2	0·9	...	...	6·7	0·6	12·2	0·9	...	11
12	0·2	...	0·1	Trace	12·1	...	...	0·2	0·5	15·1	...	0·4	12
13	...	...	...	0·5	...	0·4	...	3·8	14·1	0·2	2·0	6·2	13
14	0·9	...	...	0·5	6·5	...	...	0·4	...	0·9	...	2·0	14
15	0·6	...	...	4·2	0·1	...	1·7	...	8·4	3·4	...	8·2	15
16	0·1	0·5	...	1·2	...	...	...	12·6	1·2	0·8	0·6	3·2	16
17	0·6	0·3	3·4	10·8	3·5	...	4·2	39·6	1·0	4·8	...	...	17
18	...	0·2	0·7	0·3	5·2	...	7·8	Trace	11·5	...	...	...	18
19	...	7·2	8·9	...	7·9	2·3	...	Trace	...	...	0·3	...	19
20	...	6·4	0·1	...	2·7	8·3	...	3·2	1·3	...	10·4	...	20
21	...	0·2	5·6	...	6·4	...	...	1·3	0·2	0·2	0·4	...	21
22	...	0·2	...	...	...	0·5	...	6·7	2·5	6·7	0·7	0·8	22
23	...	4·1	...	...	1·7	11·4	...	3·1	1·5	4·3	...	0·5	23
24	...	...	0·3	...	...	0·4	1·9	1·8	...	11·3	3·1	0·1	24
25	...	2·4	1·1	...	...	...	...	4·7	5·9	3·3	1·5	...	25
26	...	...	...	...	...	...	...	12·4	8·7	6·1	18·5	...	26
27	...	...	3·5	0·1	15·7	0·6	7·1	13·4	...	12·5	0·4	...	27
28	...	...	4·6	...	...	...	0·8	6·8	...	3·0	...	...	28
29	...		0·8	...	...	...	...	0·1	...	8·9	0·5	...	29
30	0·1	X	7·8	...	...	...	...	4·2	...	0·4	2·2	...	30
31	...	X	22·8	X	2·9	X	..	14·7	X	Trace	X	...	31
Total	49·4	27·2	82·2	41·7	68·1	52·3	23·5	154·8	59·1	170·5	84·4	41·1	YEAR'S TOTAL 854·3
Rain Days.	12	12	16	13	13	11	6	21	15	24	21	15	179

W. 8,000, IX. 17.

Fernley pattern
Recording Gauge.

Exd C 79

REGISTER OF RAINFALL IN 1917.

"R" gauge

FORM
BRITISH RAINFAL
13 FEB 1918

Kept at Hesketh Park, Southport.

in the County of Lancashire,

by Joseph Baxendell, for the Southport Corporation.

Lat. 53° 39' Long. 2° 59'

Time of Observation 9-30 a. next day

Nearest Railway Station Hesketh Park.

Diameter of Funnel of Rain Gauge 11 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 39 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	
1	...	...	·07	·07	...	...	...	·06	·05	...	·23	·12	
2	·27	...	...	·11	...	·02	...	·01	...	...	·04	·08	
3	...	·18	...	...	...	·37	...	...	...	·66	·07	·09	3
4	·10	...	·05	...	...	...	...	...	...	·55	...	·02	4
5	·31	...	·13	·10	...	...	...	·01	...	·18	·30	·02	5
6	·02	...	...	...	...	·70	...	...	...	·29	·45	·06	6
7	·68	...	...	...	...	...	...	...	...	·49	·02	·16	7
8	·06	...	...	·30	...	...	...	·31	·02	·62	·28	·23	8
9	...	...	·05	·03	·06	...	...	·31	...	·19	·31	...	9
10	·29	...	·57	·30	·04	...	...	·07	...	...	...	...	10
11	·10	·04	...	·01	·04	...	...	·28	·03	·49	·04	...	11
12	·02	...	...	...	·47	...	...	·01	·03	·60	...	...	1
13	...	...	...	·03	...	·02	...	·15	·54	·01	·09	·25	13
14	·04	...	...	·02	·26	...	...	·02	...	·04	...	·07	14
15	·02	...	...	·17	...	...	·08	...	·33	·13	...	·33	15
16	...	·02	...	·05	...	...	...	·53	·05	·01	·02	·12	16
17	·01	·01	·14	·43	·14	...	·18	1·52	·04	·20	...	...	17
18	...	...	·03	·01	·20	...	·30	·01	·45	...	...	...	18
19	...	·29	·36	...	·32	·09	...	...	...	...	·01	...	19
20	...	·23	...	...	·10	·32	...	·13	·05	...	·40	...	20
21	...	·01	·22	...	·25	·01	...	·05	·01	·02	·02	...	21
22	...	·01	...	...	...	·01	...	·26	·10	·25	·04	·02	22
23	...	·17	...	...	·07	·46	...	·13	·06	·17	...	·02	23
24	...	...	·01	...	...	...	·08	·07	...	·45	·13	·01	24
25	...	·09	·05	...	...	...	...	·19	·23	·13	·05	...	25
26	...	...	...	...	...	...	...	·47	·35	·25	·73	...	26
27	...	...	·14	...	·62	·03	·28	·53	...	·47	·02	...	27
28	...	...	·18	...	...	...	·03	·27	...	·16	...	...	28
29	...		·03	...	...	...	...	...	...	·35	·02	...	29
30	...	X	·32	...	...	...	...	·17	...	·02	·09	...	30
31	...	X	·88	X	·11	X	...	·57	X	...	X	...	31
Total	1·92	1·05	3·23	1·63	2·68	2·03	0·95	6·13	2·34	6·73	3·36	1·60	YEAR'S TOTAL 33·65
Rain Days.	12	10	16	13	13	10	6	24	15	24	21	15	179

W. 8,000, IX. 17.

8" gauge 4/7

FORM A.
BRITISH RAINFALL.

22.1.19

REGISTER OF RAINFALL IN 1918

Kept at Southport, Hesketh Park

in the County of Lancashire

by J. Baxendell

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		·14		·07					·38	·03	·22	·07	1
2	·01	·07		·01					·09	·02	·06	·68	2
3		·04			·75				·09	·27			3
4	·01	·05			·01				·38	·27	·21	·05	4
5				·13	·22		·01	·68	·23	·41	·04	·01	5
6	·09	·46		·24		·50		·05		·30			6
7	·06	·08		·02	·01				·17	·15	·07	·06	7
8	·21		·01			·05	·19		·68	·17	·05	·04	8
9	·05	·37		·07		·26			·64	·64	·03	·12	9
10	·09	·22	·01	·03			·34		·56	·18	·21	·13	10
11	·15	·16	·05	·01	·19		·05	·02	·03			·26	11
12	·06	·27		·08	·11				·07			·07	12
13	·01			·11	·12				·27	·27			13
14	·79					·04	·39		·35	·12		·28	14
15	·13			·01			·38		1·35	·07		·88	15
16		·01				·08	·27	·05	·32		·01	·10	16
17	·23				·28	·13	·48	·02	·09	·21		·25	17
18	·31	·02	·13			·11			·17			·48	18
19	·13	·08	·14	·10			·24	·04	·08	·06		·77	19
20	·13	·56		·16	·11	·19	·37		·22			·13	20
21	·19	·09			·06	·05	·02		·81			·06	21
22	·12				1·07	·12	·14		·19			·53	22
23	·07				·28		·45		·09			·12	23
24	·03	·10					·03	·39	·11	·01	·05	·07	24
25					·07	·08	·24	·56	·60		·02		25
26							·46	·11	·14	·03	·16	·11	26
27		·16	·25			·05		·69	·13	·04	·23	·45	27
28		·01	·08						·20		·29	·63	28
29			·10						·03			·17	29
30			·14					·05	·02		·32	·09	30
31			·22					·22		·03		·07	31
													YEAR'S TOTAL
Total	2·87	2·89	1·13	1·04	3·28	1·66	4·06	2·88	8·49	3·28	1·97	6·68	40·23
Rain Days.	20	18	10	13	13	12	16	12	29	19	15	27	204
W Days	16	15	8	8	11	12	13	10	26	14	12	26	171

W. 8,000, VIII. 16

FORM A.
BRITISH RAINFALL

2.2.19

REGISTER OF RAINFALL IN 1918.

Kept at Hesketh Park, Southport,

in the County of Lancashire,

by the Southport Corporation.

Lat. 53° 39' 24" N. Long. 2° 59' 3" W.

Time of Observation 9 a.m. next day.

Nearest Railway Station Hesketh Park.

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 38 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1. following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	0.1	3.6	...	1.7	...	...	...	...	9.6	0.8	5.4	1.6	1
2	0.3	1.7	...	0.3	...	...	...	...	2.2	0.5	1.4	17.2	2
3	...	0.9	...	...	19.0	...	...	...	2.2	6.7	...	...	3
4	0.2	1.2	...	...	0.2	...	...	0.2	9.5	6.8	5.3	1.1	4
5	...	...	...	3.1	5.6	...	0.2	17.2	5.5	10.4	1.0	0.2	5
6	2.2	11.9	...	6.2	...	12.8	...	1.3	...	7.4	...	...	6
7	1.4	1.9	...	0.6	0.3	...	...	trace	4.1	3.7	1.6	1.6	7
8	5.3	trace	0.2	...	...	1.3	4.7	...	17.2	4.4	1.2	1.0	8
9	1.1	9.2	...	1.7	...	6.4	...	...	16.2	16.2	0.6	3.3	9
10	2.2	5.5	0.3	0.8	...	...	8.4	...	14.6	4.5	5.5	3.2	10
11	3.3	4.2	1.2	0.2	4.6	...	1.2	0.3	0.8	...	...	6.7	11
12	1.2	6.7	...	2.1	2.7	...	...	...	1.8	...	...	1.7	12
13	0.6	0.1	...	2.9	3.0	...	...	...	6.7	6.7	...	...	13
14	19.6	...	...	...	0.1	1.0	9.6	...	8.7	3.0	...	7.1	14
15	3.3	...	0.1	0.2	...	0.1	9.5	...	34.3	1.8	...	23.0	15
16	...	0.2	...	...	...	1.9	6.9	1.2	8.0	...	Hoar frost. 0.2	2.6	16
17	5.7	...	...	...	7.2	3.3	12.4	0.5	2.1	5.2	...	6.3	17
18	8.4	0.4	3.4	...	...	2.9	0.1	...	4.4	...	...	12.0	18
19	3.2	2.1	3.4	2.5	...	...	6.1	0.9	2.0	1.4	...	20.3	19
20	3.3	14.6	...	4.0	2.8	4.9	9.6	...	5.5	...	...	3.6	20
21	4.7	2.1	...	...	1.5	1.3	0.5	...	20.6	...	...	1.6	21
22	2.9	...	...	...	27.4	3.2	3.3	...	4.8	...	...	13.6	22
23	1.6	...	...	...	7.0	...	11.4	...	2.1	...	...	3.0	23
24	0.7	2.5	...	...	...	...	0.8	10.0	2.7	0.3	1.3	1.8	24
25	0.1	...	...	...	1.7	2.0	6.0	14.1	15.2	...	0.4	...	25
26	...	...	...	...	...	...	11.7	2.6	3.6	0.7	4.1	2.8	26
27	...	4.0	6.2	...	...	1.2	...	17.6	3.1	1.2	5.8	11.6	27
28	...	0.3	2.0	...	...	...	...	...	4.9	...	7.2	15.9	28
29	...		2.5	...	...	...	...	...	0.7	...	trace	4.3	29
30	...		3.7	...	...	...	...	1.3	0.4	...	8.2	2.4	30
31	...		5.5		...		...	5.6		0.7		1.8	31
Total	71.4	73.1	28.5	26.3	83.1	42.3	102.4	72.8	213.5	82.4	49.2	171.3	YEAR'S TOTAL 1016.3
Rain Days.	20	18	10	13	13	12	16	13	29	19	15	27	205

W. 6,500, VII. 18. W W C

Fearnley-pattern Recording Gauge.

Escape

REGISTER OF Duration of RAINFALL IN 1918.

FORM A. BRITISH RAINFALL.

Kept at Hesketh Park, Southport,

in the County of Lancashire,

by the Southport Corporation.

Lat. 53° 39' 24" N. Long. 2° 59' 3" W.

Time of Observation 9 - 30 a.m. next day.

Nearest Railway Station Hesketh Park.

Diameter of Funnel of Rain Gauge 11 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 39 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1. following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	Hours.	Hours.	Hours.	Hours.	Hours.	Hours.	Hours.	Hours.	Hours.	Hours.	Hours.	Hours.	
1	0.2	2.8	...	2.2	...	...	...	...	8.8	2.7	3.5	2.9	1
2	0.4	3.4	...	0.9	...	...	...	...	1.2	0.7	0.6	12.9	2
3	...	1.3	...	...	11.0	...	...	...	2.8	4.4	...	...	3
4	0.6	1.1	...	...	0.5	...	...	0.6	12.7	5.1	3.1	1.4	4
5	...	...	...	3.2	7.2	...	0.2	5.5	2.1	9.3	0.6	0.2	5
6	1.5	8.4	...	4.7	...	5.5	...	0.7	...	0.8	...	...	6
7	1.7	1.9	...	0.7	0.6	...	...	0.2	5.6	1.5	2.1	2.4	7
8	2.9	0.1	0.9	...	...	1.2	2.3	...	7.1	4.6	0.7	0.8	8
9	2.7	4.5	...	3.0	...	3.8	...	...	8.7	5.5	1.1	1.9	9
10	1.6	9.8	0.7	0.9	...	...	1.8	...	3.3	4.3	8.0	4.7	10
11	4.0	7.1	2.4	1.4	4.0	...	1.1	1.0	0.7	...	...	6.3	11
12	1.7	12.9	...	1.2	3.2	...	...	...	0.9	0.1	...	1.6	12
13	1.2	...	...	4.1	4.6	...	...	...	7.5	5.3	...	...	13
14	15.7	...	...	...	0.5	0.3	2.6	...	8.4	3.2	...	3.7	14
15	4.2	...	0.3	0.2	...	0.1	7.0	...	18.8	0.9	...	13.7	15
16	...	0.5	...	...	...	0.5	1.0	1.6	3.8	...	...	2.2	16
17	5.3	...	...	...	1.1	0.3	1.1	0.8	1.2	8.7	...	5.7	17
18	6.5	0.9	2.6	...	...	7.6	0.7	...	6.1	...	...	5.7	18
19	5.7	3.1	4.7	4.4	...	...	5.7	2.6	3.0	3.5	...	11.1	19
20	3.3	6.4	...	5.1	0.6	5.5	4.2	...	4.5	...	...	4.2	20
21	4.9	5.8	...	...	1.1	1.0	2.0	...	8.7	...	...	2.3	21
22	2.7	...	...	...	8.2	0.9	5.3	...	3.4	...	...	11.1	22
23	5.8	...	...	...	6.6	...	3.9	...	1.2	...	...	2.7	23
24	1.5	3.0	...	...	...	...	0.8	6.5	3.1	1.2	4.2	1.4	24
25	0.3	...	...	...	7.8	0.2	3.7	7.1	4.5	...	0.9	...	25
26	...	...	...	...	...	...	3.3	5.1	1.6	1.7	5.9	3.3	26
27	...	4.2	7.5	...	...	1.8	...	10.5	2.2	4.5	7.2	5.4	27
28	...	0.4	1.5	...	...	...	...	...	2.4	...	13.9	17.4	28
29	...		1.6	...	...	...	...	...	1.7	...	...	4.6	29
30	...	X	4.8	...	...	...	...	1.6	0.2	...	5.1	3.7	30
31	...	X	12.6	X	...	X	...	1.7	X	1.1	X	1.5	31
Total	74.4	77.6	39.6	32.0	57.0	28.7	46.7	45.5	136.2	69.1	56.9	134.8	YEAR'S TOTAL 798.5
Rain Days.													

W. 6,500, VII. 18. w w c

Recording Gauge: (Fernley)

REGISTER OF RAINFALL IN 1918.

74

FORM A. BRITISH RAINFALL.

19

Kept at Hesketh Park, Southport,

in the County of Lancashire,

by the Southport Corporation.

Lat. 53° 39' 24" N. Long. 2° 59' 3" W.

Time of Observation 9·30 a.m. next day.

Nearest Railway Station Hesketh Park.

Diameter of Funnel of Rain Gauge 11 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 39 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	...	·14	...	·07	...	...	...	...	·40	·03	·22	·06	1
2	·02	·07	...	·01	...	...	...	...	·10	·02	·06	·68	2
3	...	·04	...	...	·75	...	...	...	·09	·27	...	...	3
4	·01	·05	...	...	·01	...	...	·01	·37	·26	·21	·05	4
5	...	...	...	·13	·22	...	·01	·68	·22	·41	·04	·01	5
6	·09	·46	...	·23	...	·50	...	·04	...	·29	...	...	6
7	·05	·08	...	·03	·01	...	...	...	·17	·14	·07	·06	7
8	·20	...	·01	...	...	·05	·18	...	·67	·17	·05	·04	8
9	·05	·36	...	·07	...	·26	...	...	·64	·63	·03	·12	9
10	·08	·23	·01	·03	...	...	·34	...	·56	·18	·21	·13	10
11	·14	·16	·05	·01	·18	...	·04	·02	·03	...	...	·25	11
12	·06	·26	...	·08	·11	...	...	...	·07	...	...	·07	12
13	·02	...	...	·12	·12	...	...	...	·26	·27	...	...	13
14	·78	...	...	...	...	·04	·38	...	·28	·12	...	·28	14
15	·13	...	...	...	...	...	·38	...	1·39	·07	...	·88	15
16	...	·01	...	...	...	·08	·27	·05	·31	...	H.F ·01	·10	16
17	·23	...	...	...	·28	·13	·48	·02	·09	·21	...	·25	17
18	·30	·01	·14	...	...	·12	·01	...	·17	...	...	·47	18
19	·12	·09	·14	·11	...	...	·24	·03	·08	·06	...	·77	19
20	·13	·55	...	·15	·11	·19	·37	...	·23	...	...	·12	20
21	·18	·09	...	...	·06	·05	·02	...	·81	...	...	·06	21
22	·11	...	...	...	1·06	·12	·14	...	·20	...	...	·53	22
23	·07	...	...	...	·27	...	·45	...	·08	...	...	·12	23
24	·03	·10	...	...	...	...	·04	·39	·11	·01	·05	·07	24
25	...	...	...	...	·08	·08	·24	·55	·61	...	·02	...	25
26	...	...	...	...	...	...	·46	·11	·11	·03	·16	·11	26
27	...	·16	·25	...	...	·05	...	·68	·14	·05	·23	·45	27
28	...	·01	·08	...	...	...	...	...	·20	...	·28	·62	28
29	...		·10	...	...	...	...	...	·03	...	...	·18	29
30	...		·14	...	...	...	...	·05	·02	...	·32	·09	30
31	...		·22		...		...	·23		·03		·05	31
Total	2·80	2·87	1·14	1·04	3·26	1·67	4·05	2·86	8·44	3·25	1·96	6·62	YEAR'S TOTAL 39·96
Rain Days.	20	18	10	12	13	12	17	13	29	19	15	27	205

W. 6,500. VII. 18. W W C

84 2789

FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1919

Kept at Southport, Hesketh Park
in the County of Lancashire
by J. Baxendell

Lat. .... Long. ....
Time of Observation ....
Nearest Railway Station ....
Diameter of Funnel of Rain Gauge .... in.
Height of top of Gauge above Ground .... ft. .... in.
" " " " Sea Level .... ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.45		.03	.02	.29		.18	.01	.64	.32		.01	1
2	.13		.30				.16	.01	.38	.01		.10	2
3	.19				.06	.15	.36	.01				.07	3
4	.40		.38		.01	.02	.01	.38	.05			.09	4
5	.03			.01	.05						.02	.18	5
6	.13		.42		.04				.04	.01		.07	6
7	.02		.14	.09	.06				.01		.06		7
8	.15		.04			.06					.01		8
9	.41		.09	.03									9
10	.03		.26	.05						.12		.04	10
11	.04		1.25	.06	.07		.15		.05	.09		.02	11
12	.01		.20	.03		.26			.02	.22	.40		12
13	.39	.02		.22			.03	.02		.40		.19	13
14	.33			.22						.14		.04	14
15	.37	.02		.11								.47	15
16	.04	.08	.01	.01		.05					.41		16
17		.03		.01		.04		.45	.02		.27	.02	17
18			.48				.15	.34	.05		.03	.19	18
19	.02	.50	1.01			.31		.13	.09		.12	.16	19
20	.36	.17	.02			.14		.01	.18		.16	.18	20
21	.04	.22					.14		.11		.06	.02	21
22		.06				.07		.02	.28			.90	22
23				.01		.02		.05		1.28		.02	23
24					.52			.04	.04	.15	.21	.24	24
25	.17			.06		.02		.52	.19		.14	.01	25
26	.33		.41	.18		.11		.24	.19		.01	.44	26
27	.09			.07				.09			.01		27
28								.83				.31	28
29	.04		.19	.03				.07	.01	.10	.13	.23	29
30		X	.08	.16		.10				.03	.16	.33	30
31		X		X		X	.30	.05	X		X	.06	31
Total	4.17	1.10	5.31	1.37	1.10	1.35	1.48	3.27	2.35	2.87	2.20	4.39	YEAR'S TOTAL 30.96
Rain Days.	23	8	17	18	8	13	9	18	17	12	16	25	184

W, 6,500, VII. 18. w w c

2788

FORM A. 2. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

REGISTER OF RAINFALL IN 1919.

Kept at Southport (Hesketh Park),

in the County of Lancashire,

by Joseph Baxendell (for the M.O.).

Lat. 53° 39' N. Long. 2° 59' W.

Time of Observation 18h. clock time, = 9h. G.M.T. next day,

Nearest Railway Station Hesketh Park.

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 38 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. Rule conformed to.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	11.3	...	0.7	0.5	7.3	...	4.3	0.2	15.3	8.0	trace	0.2	1
2	3.1	...	7.8	...	0.1	...	4.0	0.3	9.5	0.2	...	2.4	2
3	4.9	...	...	...	1.6	3.8	9.0	0.2	...	...	trace	1.6	3
4	10.2	0.1	9.2	...	0.4	0.5	0.2	9.6	1.2	...	...	2.3	4
5	0.5	...	...	0.2	1.3	...	...	...	...	trace	0.5	4.5	5
6	3.4	...	10.5	...	0.8	...	...	...	0.8	0.2	...	1.8	6
7	0.4	...	3.4	2.4	1.6	...	...	...	0.3	...	1.6	...	7
8	3.7	...	0.8	...	...	1.6	...	...	...	...	0.1	...	8
9	10.3	...	2.6	0.7	...	...	...	...	...	...	...	...	9
10	0.7	...	6.4	1.3	...	...	...	...	...	3.1	...	1.0	10
11	1.0	...	32.7	1.5	1.7	...	3.8	...	1.2	2.3	...	0.5	11
12	0.2	...	4.5	0.6	...	6.8	...	...	0.4	5.5	10.1	...	12
13	9.8	0.6	...	5.6	...	...	0.8	0.6	...	9.9	...	4.7	13
14	8.1	0.1	...	5.7	...	...	...	...	...	3.4	...	1.0	14
15	9.5	0.5	...	2.9	...	...	...	...	...	...	...	11.9	15
16	1.1	1.9	0.2	0.3	...	1.4	...	...	...	...	10.3	0.1	16
17	0.1	0.7	...	0.3	...	0.9	...	11.7	0.5	...	6.7	0.4	17
18	0.1	...	12.5	...	...	...	3.8	8.6	1.1	...	0.7	4.7	18
19	0.5	12.6	26.1	...	...	7.9	...	3.2	2.4	...	2.9	3.9	19
20	8.9	4.2	0.5	...	...	3.5	...	0.2	4.4	...	4.2	4.6	20
21	0.9	5.3	...	...	...	...	3.6	...	2.7	...	1.4	0.4	21
22	...	1.4	...	...	...	1.5	...	0.5	6.9	...	...	22.9	22
23	...	...	...	0.2	...	0.7	...	1.3	...	32.7	...	0.6	23
24	...	...	...	0.2	13.2	...	...	1.0	1.0	3.8	5.1	6.2	24
25	4.3	...	...	1.4	0.1	0.5	...	12.7	4.8	...	3.5	0.2	25
26	8.2	0.2	10.4	4.8	...	2.6	...	5.9	4.6	...	0.2	11.3	26
27	2.3	trace	0.1	1.8	...	...	...	2.2	0.1	...	0.2	0.1	27
28	...	...	trace	...	...	...	...	21.5	...	...	...	7.9	28
29	1.0		4.7	0.6	...	0.2	...	1.8	0.2	2.6	3.3	5.7	29
30	...	╳	1.9	4.0	...	2.6	...	...	...	0.7	4.1	8.6	30
31	...	╳	...	╳	...	╳	7.6	1.2	╳	...	╳	1.6	31
TOTAL	104.5	27.6	155.0	35.0	28.1	54.5	37.1	82.7	57.4	72.4	54.9	111.1	YEAR'S TOTAL 780.3
Days with 0.2 mm. or more	23	9	17	19	8	14	9	18	17	12	15	25	186

(44,284). Wt.21,958—218. 500. 10/19. Gp.132. A.&E.W.

2790

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Southport (Hesketh Park),
in the County of Lancashire,
by Joseph Baxendell (for the Corporation)

Lat. 53° 39′ N. Long. 2° 59′ W.
Time of Observation 9h next day, G.M.T.
Nearest Railway Station Hesketh Park.
Diameter of Funnel of Rain Gauge 11 in.
Height of top of Gauge above Ground 1 ft. 6 in.
„ „ „ „ Sea Level 39 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. Rule conformed to.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·46	...	·03	·02	·29	...	·17	·01	·62	·31	...	·01	1
2	·12	...	·30	...	...	...	·17	·01	·37	·01	...	·10	2
3	·17	...	...	...	·07	·14	·36	·01	...	...	...	·06	3
4	·42	...	·38	...	·01	·03	·01	·38	·05	...	...	·08	4
5	·02	...	...	·01	·05	...	...	...	...	...	·02	·18	5
6	·13	...	·41	...	·04	...	...	...	·04	·01	...	·07	6
7	·01	...	·14	·09	·06	...	...	...	·01	...	·06	...	7
8	·16	...	·04	...	...	·06	...	...	...	...	·01	...	8
9	·41	...	·08	·03	...	...	...	...	...	...	...	...	9
10	·03	...	·26	·05	...	...	...	...	...	·12	...	·05	10
11	·04	...	1·24	·06	·07	...	·15	...	·05	·09	...	·02	11
12	...	...	·18	·01	...	·26	...	...	·02	·22	·40	...	12
13	·39	·02	...	·22	...	...	·04	·03	...	·40	...	·18	13
14	·31	...	...	·23	...	...	...	...	...	·14	...	·04	14
15	·37	·01	...	·11	...	...	...	...	...	...	...	·46	15
16	·04	·09	·01	·01	...	·05	...	...	...	...	·41	...	16
17	...	·03	...	·01	...	·04	...	·45	·02	...	·27	·02	17
18	·01	...	·49	...	...	...	·15	·34	·05	...	·03	·18	18
19	·03	·49	·99	...	...	·31	...	·12	·09	...	·12	·16	19
20	·35	·16	·01	...	...	·14	...	·01	·18	...	·16	·18	20
21	·03	·22	...	...	...	...	·15	...	·11	...	·06	·02	21
22	...	·06	...	...	...	·07	...	·02	·27	...	...	·90	22
23	...	...	...	·01	...	·02	...	·06	...	1·28	...	·03	23
24	...	...	...	...	·52	...	...	·04	·04	·14	·20	·23	24
25	·17	...	...	·07	...	·02	...	·51	·19	...	·14	...	25
26	·33	...	·41	·19	...	·11	...	·25	·19	...	·01	·43	26
27	·09	·01	...	·05	...	...	...	·08	...	...	·01	...	27
28	...	...	...	...	...	...	...	·82	...	...	...	·30	28
29	·04		·19	·02	...	·01	...	·07	·01	·10	·13	·23	29
30	...		·07	·16	...	·11	...	...	...	·03	·16	·33	30
31	...		...		...		·30	·06		...		·06	31
TOTAL	4·13	1·09	5·23	1·35	1·11	1·37	1·50	3·27	2·31	2·85	2·19	4·32	YEAR'S TOTAL 30·72
Days with ·01 in. or more	23	9	17	18	8	14	9	18	17	12	16	24	185

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

2675

FEB 1921

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Hesketh Park, Southport,
in the County of Lancaster,
by Joseph Baxendell, for the Corporation

Lat. 53° 39′ N. Long. 2° 59 W.
Time of Observation 9h on day following entry
Nearest Railway Station Hesketh Park
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 38 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0·03	...	·06	·12	·24	...	·39	...	·08	·05	...	·16	1
2	·01	...	...	·10	trace	...	·05	trace	·33	·12	...	·12	2
3	·04	·16	·07	·02	...	·03	·68	·01	·17	·05	...	·09	3
4	...	·01	...	·03	·05	...	·08	·81	·09	·16	·02	...	4
5	trace	·01	·05	...	·33	...	·04	·12	·25	·18	·01	trace	5
6	...	...	·33	·22	·20	...	trace	...	...	·06	trace	·01	6
7	trace	·08	·01	...	·02	...	·26	...	·01	...	·01	...	7
8	·09	·02	...	·29	·08	...	·19	·07	...	...	trace	·02	8
9	·40	·31	·03	·58	·01	...	·08	...	·07	...	...	·02	9
10	·50	·16	·03	trace	...	...	·11	...	...	...	...	·01	10
11	·09	·01	·04	·02	35	·93	·02	·01	...	...	...	trace	11
12	·32	·01	·11	·33	·01	·21	·15	...	·03	...	·28	·02	12
13	·08	·08	·07	·06	...	·24	...	...	...	...	·06	·02	13
14	·01	·11	·25	·21	...	·10	·16	...	·36	·19	·53	...	14
15	...	·19	...	·33	...	...	...	...	...	·03	·03	...	15
16	...	trace	·11	trace	·23	·22	·32	...	·11	trace	·07	...	16
17	·04	...	·05	...	·32	...	...	·05	·30	...	...	...	17
18	·38	·01	...	·05	·21	trace	[illegible]	trace	·11	...	...	...	18
19	·05	·68	...	·11	·09	·11	·02	·09	·10	...	·01	...	19
20	·18	...	...	·40	...	...	·02	...	·52	...	...	·04	20
21	trace	trace	...	·13	...	...	·43	·01	...	trace	...	·16	21
22	·14	...	...	·10	...	·01	·37	·17	...	...	...	·04	22
23	trace	trace	·19	·20	...	...	·19	·02	...	...	·01	·33	23
24	·09	...	·76	·02	...	·06	·03	·01	...	...	...	·54	24
25	...	·15	·07	·07	...	...	·74	trace	...	...	...	...	25
26	·14	·08	·66	·30	·07	...	...	...	...	...	·05	...	26
27	·07	...	·17	·02	·21	·45	·10	...	...	...	·06	...	27
28	·34	·03	·28	·14	·05	·10	·07	...	...	...	...	·20	28
29	·11	...	·27	·13	·90	·01	·20	...	...	...	·21	·40	29
30	·23		·23	·09	·01	·15	...	...	·62	...	·05	·36	30
31	·14		·05		·19		·03	·09		·29		...	31
TOTAL	3·48	2·10	3·83	4·07	3·57	2·62	4·73	1·46	3·15	1·13	1·40	2·54	YEAR'S TOTAL 34·08
Days with ·01 in. or more	22	17	22	25	19	13	24	12	15	9	14	17	209
Days with ·04 in. or more	19	10	19	20	15	10	19	7	13	8	8	11	159

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

-PH- no. cmt by MWR

2674

Form A. 2. MÉTEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Southport

in the County of Lancashire

by Joseph Baxendell, for the Corporation

Lat. 53° 39' N Long. 2° 59' W

Time of Observation 9h & 18h G.M.T.

Nearest Railway Station

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

" " " " Sea [illegible] 37 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	0.6	-	1.4	3.0	6.0	-	9.9	-	1.9	1.3	-	4.0	1
2	0.2	-	.	2.6	0.1	-	1.4	0.1	8.3	3.1	-	2.9	2
3	1.0	4.2	1.7	0.6	-	0.8	17.0	0.3	4.4	1.3	-	1.7	3
4	-	0.3	.	0.6	1.2	-	1.9	20.3	2.3	3.8	0.4	-	4
5	0.1	0.3	1.4	"	8.2	-	0.9	3.1	6.3	10.5	0.2	-	5
6	-	-	8.4	5.6	5.1	-	0.1	-	-	1.4	0.1	0.2	6
7	0.1	2.2	0.3	0.1	0.6	-	6.5	-	0.2	-	0.3	-	7
8	2.2	0.8	-	7.3	2.0	-	4.9	1.8	-	-	-	0.5	8
9	10.0	7.9	0.8	14.6	0.2	-	2.1	-	1.6	-	-	0.6	9
10	12.7	4.1	0.8	0.1	-	-	3.8	-	-	-	-	0.3	10
11	2.1	0.2	1.0	0.5	8.4	23.8	0.3	0.3	-	-	-	-	11
12	7.8	0.2	2.9	8.2	0.2	5.3	4.0	-	0.7	-	7.3	0.5	12
13	1.9	2.0	1.7	1.4	-	6.0	-	-	-	-	1.6	0.4	13
14	0.2	2.8	6.4	5.1	-	2.6	4.1	-	9.1	4.9	13.1	-	14
15	0.1	4.8	-	8.1	-	-	-	-	-	0.9	0.9	-	15
16	-	0.1	2.9	0.1	5.7	5.3	8.2	-	2.8	-	1.6	-	16
17	1.1	-	1.3	-	8.3	-	-	1.3	7.5	-	-	-	17
18	9.6	0.2	-	1.3	5.2	trace	-	0.1	2.8	-	-	-	18
19	1.3	17.1	-	2.7	2.3	2.7	0.7	2.5	2.5	-	0.2	-	19
20	4.7	-	-	10.2	-	-	0.5	-	13.4	-	-	1.7	20
21	0.1	0.1	-	3.2	-	-	11.1	0.2	-	-	-	4.1	21
22	3.5	-	-	2.4	-	0.2	9.5	4.4	-	-	-	1.0	22
23	-	0.1	4.9	4.9	-	-	4.9	0.7	-	-	0.2	8.2	23
24	2.3	-	19.4	0.7	-	1.4	0.7	0.2	-	-	-	13.8	24
25	-	3.8	1.7	1.3	-	-	18.8	0.1	-	-	-	-	25
26	3.6	1.8	15.6	7.8	1.7	-	-	-	-	-	0.9	-	26
27	1.7	-	4.2	0.6	5.4	11.2	2.5	-	-	-	1.5	-	27
28	8.6	0.8	7.0	3.4	1.2	2.8	1.8	-	-	-	-	5.1	28
29	2.9	-	6.8	3.3	23.0	0.2	5.0	-	-	-	5.2	10.2	29
30	5.9	✕	5.9	2.2	0.3	3.7	-	-	15.9	-	1.1	9.1	30
31	3.7	✕	1.3	✕	4.7	✕	0.7	2.5	✕	7.4	✕	-	31
Total	88.0	~~52.8~~ 53.8	97.8	101.9	90.1	65.5	120.3	37.9	79.7	28.6	34.6	64.3	Year's Total 862.5
Days with 0·2 mm./ or more	22	17	22	25	19	13	24	12	15	9	14	17	209
1·0	19	10	19	20	15	10	18	7	13	8	7	11	157

(44,284). Wt.21958—218. 500. 10/20. Gp.132. A.&E.W.

Copied from 19 3201.

2676

7 FEB 1921

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Hesketh Park, Southport,
in the County of Lancaster,
by Joseph Baxendell, for the Corporation.

Lat. 53° 39′ N. Long. 2° 59′ W.
Time of Observation 9h on day following entry.
Nearest Railway Station Hesketh Park
Diameter of Funnel of Rain Gauge 11 in.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 39 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·03	...	·06	·12	·24	...	·38	...	·08	·05	...	·16	1
2	·01	...	...	·11	...	...	·06	...	·32	·11	...	·12	2
3	·04	·16	·06	·03	...	·03	·68	·02	·17	·05	...	·10	3
4	...	...	...	·02	·05	...	·08	·80	·11	·15	·02	...	4
5	...	·01	·05	...	·33	...	·04	·13	·23	·19	·01	...	5
6	...	...	·33	·22	·20	...	...	...	...	·05	...	·01	6
7	...	·08	·01	...	·02	...	·26	...	·01	...	·01	...	7
8	·09	·02	...	·29	·08	...	·19	·07	...	...	...	·02	8
9	·40	·31	·03	·59	·01	...	·08	...	·07	...	...	·03	9
10	·51	·16	·03	...	...	...	·11	...	...	...	...	·01	10
11	·07	·01	·04	·02	·36	·92	·02	·02	...	...	...	...	11
12	·30	·01	·12	·34	·01	·21	·16	...	·03	...	·28	·03	12
13	·08	·08	·07	·06	...	·22	...	...	...	...	·06	·02	13
14	·01	·11	·25	·20	...	·11	·16	...	·36	·19	·53	...	14
15	...	·19	...	·33	...	...	...	...	...	·03	·03	...	15
16	...	...	·11	...	·23	·22	·32	...	·11	...	·07	...	16
17	·04	...	·05	...	·32	...	...	·05	·30	...	...	...	17
18	·38	·01	...	·05	·21	...	...	...	·11	...	...	...	18
19	·05	·67	...	·12	·09	·11	·03	·09	·09	...	·01	...	19
20	·19	...	...	·40	...	...	·02	...	·52	...	...	·04	20
21	...	...	...	·13	...	...	·44	·01	...	...	...	·16	21
22	·14	...	...	·10	...	·01	·38	·17	...	...	...	·03	22
23	...	...	·19	·19	...	...	·18	·02	...	...	·01	·33	23
24	·09	...	·74	·02	...	·06	·03	·01	...	...	...	·52	24
25	...	·16	·08	·08	...	...	·74	...	...	...	...	...	25
26	·14	·07	·59	·31	·07	...	...	...	...	...	·04	...	26
27	·07	...	·18	·01	·21	·44	·10	...	...	...	·06	...	27
28	·34	·02	·28	·14	·05	·10	·07	...	...	...	...	·19	28
29	·12	...	·27	·13	·89	·01	·19	...	...	...	·21	·40	29
30	·25	✕	·23	·09	·01	·15	...	...	·62	...	·04	·37	30
31	·14	✕	·06	✕	·19	✕	·03	·09	✕	·31	✕	...	31
Total	3·47	2·07	3·83	4·10	3·57	2·59	4·75	1·48	3·13	1·13	1·38	2·54	YEAR'S TOTAL 34·04
Days with ·01 in. or more	22	16	22	25	19	13	24	12	15	9	14	17	208
Days with ·04 in. or more	19	10	19	20	15	10	19	7	13	8	8	10	158

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

8 JAN 1921

Kept at Southport

in the County of Lancaster

by J. H. Bonny

Lat. Long.

Time of Observation 9 - 0 a.m.

Nearest Railway Station Southport

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 35 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. .45

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.03	.01	.07	.11	.27	.01	.44	-	.06	.05	-	.16	1
2	.04	.01	-	.03	.02	-	.09	-	.37	.12	-	.09	2
3	.03	.15	.06	.10	-	.03	.64	-	.18	.05	-	.05	3
4	.04	-	-	.03	.03	-	.08	.84	.09	.14	-	-	4
5	-	-	.05	.01	.32	-	.04	.11	.26	.14	.03	-	5
6	-	.02	.07	.18	.23	-	.02	-	-	.11	.01	-	6
7	.01	.07	.06	.03	.05	-	.19	-	-	-	.01	-	7
8	.04	.04	-	.30	.10	-	.10	.06	-	-	-	-	8
9	.34	.31	.04	.60	-	-	.11	-	.06	-	-	.05	9
10	.42	.15	.04	.03	-	-	.12	-	-	-	-	-	10
11	.17	.02	.04	.01	.34	.90	.02	.02	-	-	-	-	11
12	.33	.01	.06	.35	.03	.27	.11	-	.04	-	.11	-	12
13	.09	.09	.11	.06	-	.21	.01	-	-	-	.07	.04	13
14	.01	.12	.28	.19	-	.18	.15	-	.31	.23	.58	-	14
15	.01	.23	-	.43	-	.01	-	-	-	.02	.05	-	15
16	-	-	.11	.01	.24	.20	.32	-	.12	-	.01	-	16
17	.03	-	.03	-	.28	-	.01	.04	.29	-	-	-	17
18	.21	.01	-	.06	.20	-	-	-	.05	-	-	-	18
19	.02	.65	-	.10	.11	.12	.02	.17	.12	-	-	-	19
20	.19	-	-	.42	-	-	.02	-	.64	-	.01	.04	20
21	-	-	-	.04	.01	-	.42	-	-	-	-	.12	21
22	.14	-	-	.79	-	.01	.22	.17	-	-	-	.13	22
23	.01	-	.18	.14	-	-	.35	.05	-	-	-	.33	23
24	.08	.01	.75	.06	-	.04	.01	.01	-	-	-	.44	24
25	.01	.14	.10	.09	-	.03	.72	-	.01	-	.01	.91	25
26	.16	.08	.65	.20	.06	-	.01	-	-	-	-	-	26
27	.07	.01	.16	.15	.21	.43	.09	-	-	-	.10	-	27
28	.39	.02	.25	.15	.02	.20	.07	-	-	-	-	.18	28
29	.13	-	.27	.19	1.19	.02	.20	-	.01	-	.19	.40	29
30	.23		.29	.06	.04	.12	.01	-	.61	-	.05	.36	30
31	.17		.05		.19		.64	.10		.22		.01	31
Total	3.40	2.15	4.02	4.32	3.94	2.78	4.68	1.57	3.22	1.08	1.23	2.31	Year's Total 34.70
Days with ·01 in. or more	27	20	22	29	20	16	29	10	16	9	13	15	226
Days with ·04 in. or more	18	10	21	22	15	10	20	8	14	8	7	12	165

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

FORM A2.
BRITISH RAINFALL.
11 JAN 1912

STONYHURST COLLEGE

LANCASHIRE.

1911 - 1920

REGIS

Kept at Stonyhurst Coll
in the County of Lanc
by Revd W Sidgreaves

Automatic
n.
d 1 ft. 10 in.
evel 377 ft.
Whalley Lty
ce 5½ in Direction N.E.

IMPORTANT NOTE.—R … result entered to the previous day. If an Observe… rule, he is earnestly requested to add the reading a… the space provided for it at the end of this par… of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.	.	0·590	.	0·025	.	0·255	0·020	.	.	0·345	-	1
2	0·050	.	·310	.	·135	.	·035	·005	.	0·100	·190	0·120	2
3	.	.	·560	.	·560	.	.	·095	0·025	.	·805	·100	3
4	.	.	·010	0·070	·007	.	·040	·390	·130	·020	·610	·120	4
5	·327	.	·093	·010	·040	.	.	·900	.	.	·115	·275	5
6	·050	.	.	·050	.	.	.	·375	·004	.	·215	·250	6
7	·040	.	·035	·007	.	.	.		.	.	·250	·025	7
8	·155	.	·480	.	.	.	.		.	·010	·110	·620	8
9	·120	.	.	.	.	.	.		.	.	.	·290	9
10	·430	0·140	·050	.	.	.	.		·390	.	.	·770	10
11	·060	.	·015	.	.	.	.		·007	.	·335	·060	11
12	·010	·005	·198	.	020	.	.		1·340	.	·380	.	12
13	.	·050	.	.	390	.	.		.	.	·145	·610	13
14	·100	·640	.	.	040	.	.		·004	.	·020	·260	14
15	·055	·390	·030	·035	.	.	.		.	.	·335	·335	15
16	·010	·805	·050	·015	.	0·090	·100		.	.	·450	·145	16
17	·060	·010	·050	.	240	·905	·040	·020	.	.	·040	·090	17
18	.	·540	·010	·040	.	·030	·040	.	.	0·020	·010	·140	18
19	.	·060	.	·140	.	·230	·100	.	·540	·395	·017	·375	19
20	.	·300	.	·435	.	·030	·140	·200	·270	·040	.	·335	20
21	.	1190	.	·040	.	·025	·050	·150	.	·105	.	·150	21
22	·110	·210		.	.	·030	.	.	.	·530	·008	.	22
23	·010	·340	040	·010	690	·240	.	.	·110	·070	.	·200	23
24	·150	·435	.	·270	.	1·040	.	·060	·090	·305	.	·040	24
25	·005	·520	.	·405	.	·050	·135	.	·740	·087	.	·235	25
26		.		·450	.	·030	.	·295	.	·480	·150	·360	26
27	·010	·290	.	·365	.	·025	.	·610	·750	.	·005	·290	27
28		·310	.	·480	.	·735	.	·010	·200	.	.	·600	28
29			.	·215	.	·270	.	·010	·500	1195	.	·210	29
30	.		.	·005	·095	·050	.	.	.	330		.	30
31			.		.		.	.		080		·150	31
Total	1·752	6·235	2·511	3·032	2·242	3·780	0·935	3·140	5·106	3·767	4·565	7·155	TOTAL for year 44·220
No. of Rain Days	18	17 16	15	18	11	15	10	14 13	15	15	20	27	19~~5~~ 3

9,000, IX. '10.

√

FORM A2.
BRITISH RAINFALL.
11 JAN 1912

REGISTER OF RAINFALL IN 1911

Kept at Stonyhurst Coll Observatory.

in the County of Lancaster. C 1

by Revd W Sidgreaves SJ. F.R.A.S.

RAIN GAUGE
Pattern Beckley's Automatic
Diameter of top 11 in.
Height of top above Ground 1 ft. 10 in.
" " Sea Level 377 ft.

Time of Observation 10 am

Nearest Railway Station
Name Whalley Sty.
Distance 5½ m Direction N.E.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.	.	0·590	.	0·025	.	0·255	0·020	.	.	0·345	-	1
2	0·050	.	·310	.	·135	.	·035	·005	.	0·100	·190	0·120	2
3	.	.	·560	.	·560	.	.	·095	0·025	.	·805	·100	3
4	.	.	·010	0·070	·007	.	·040	·390	·130	·020	·610	·120	4
5	·324	.	·093	·010	·040	.	.	·900	.	.	·115	·275	5
6	·050	.	.	·050	.	.	.	·375	·004	.	·215	·250	6
7	·040	.	·035	·007	.	.	.		.	.	·250	·025	7
8	·155	.	·480	.	.	.	.		.	·010	·110	·620	8
9	·120	.	.		.	.	.		.	.	.	·290	9
10	·430	0·140	·050	.	.	.	.		·390	.	.	·770	10
11	·060	.	·015	.	.	.	.		·004	.	·335	·060	11
12	·010	·005	·198	.	020	.	.		1·340	.	·380	.	12
13	.	·050	.	.	390	.	.		.	.	·145	·610	13
14	·100	·640	.	.	040	.	.		·004	.	·020	·260	14
15	·055	·390	·030	·035	.	.	.		.	.	·335	·335	15
16	·010	·805	·050	·015	.	0·090	·100		.	.	·450	·145	16
17	·060	·010	·050	.	240	·905	·040	·020	.	.	·040	·090	17
18	.	·540	·010	·040	.	·030	·040	.	.	0·020	·010	·140	18
19	.	·060	.	·140	.	·230	·100	.	·540	·395	·017	·375	19
20	.	·300	.	·435	.	·030	·140	·200	·270	·040	.	·335	20
21	.	1·190	.	·040	.	·025	·050	·150	.	·105	.	·150	21
22	·110	·210		.		·030	.	.	.	·530	·008	.	22
23	·010	·340	·040	·010	690	·240		.	·110	·070	.	·200	23
24	·150	·435	.	·270	.	1·040	.	·060	·090	·305	.	·040	24
25	·005	·520	.	·405	.	·050	·135	.	·740	·087	.	·235	25
26		.	.	·450	.	·030	.	·295	.	·480	·150	·360	26
27	·010	·290	.	·365	.	·025	.	·610	·750	.	·005	·290	27
28	.	·310	.	·480	.	·735	.	·010	·200	.	.	·600	28
29	.		.	·215	.	·270	.	·010	·500	1195	.	·210	29
30	.		.	·005	·095	·050	.	.	.	330	.	.	30
31			.		.		.	.		080		·150	31
Total	1·752	6·235	2·511	3·032	2·242	3·780	0·935	3·140	5·106	3·767	4·565	7·155	TOTAL for year 44·220
No. of Rain Days	18	17 16	15	18	11	15	10	14 13	15	15	20	27	193

9,000, IX. '10.

Section **A** for the entry of Daily Observations

Station No. 2978

METEOROLOGICAL OFFICE

METFORM 1090
(Rev. Feb. 1965)

REGISTER OF RAINFALL IN 196 11

Kept at Stonyhurst College
in the County of
Diameter of funnel of gauge in.
Height of top of gauge above ground ft. in.
Height of ground above sea level ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph. **Please read Notes and Instructions Overleaf**

Jan. 1, following

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	-	·59	-	·03	-	·25	·02	-	-	·37	-		1
2	·05	-	·31	-	·13	-	·03	·01	-	·10	·19	·12		2
3	-	-	·56	-	·56	-	-	·09	·03	-	·81	·10		3
4	-	-	·01	·07	·01	-	·04	·39	·13	·02	·61	·12		4
5	·33	-	·09	·01	·04	-	-	·90	-	-	·11	·27		5
6	·05	-	-	·05	-	-	-	·37	·01	-	·21	·25		6
7	·04	-	·03	·01	-	-	-	-	-	-	·25	·03		7
8	·15	-	·48	-	-	-	-	-	-	·01	·11	·62		8
9	·12	-	-	-	-	-	-	-	-	-	-	·29		9
10	·43	·14	·05	-	-	-	-	-	·39	-	-	·77		10
11	·06	-	·01	-	-	-	-	-	·01	-	·33	·06		11
12	·01	·01	·20	-	·02	-	-	-	1·34	-	·38	-		12
13	-	·05	-	-	·39	-	-	-	-	-	·15	·61		13
14	·10	·64	-	-	·04	-	-	-	·01	-	·02	·26		14
15	·05	·39	·03	·03	-	-	-	-	-	-	·33	·33		15
16	·01	·81	·05	·01	-	·09	·10	-	-	-	·45	·15		16
17	·06	·01	·05	-	·24	·91	·04	·02	-	-	·04	·09		17
18	-	·54	·01	·04	-	·03	·04	-	-	·02	·01	·14		18
19	-	·06	-	·14	-	·23	·10	-	·54	·39	·02	·37		19
20	-	·30	-	·43	-	·03	·14	·20	·27	·04	-	·33		20
21	-	1·19	-	·04	-	·03	·05	·15	-	·11	-	·15		21
22	·11	·21	-	-	-	·03	-	-	-	·53	·01	-		22
23	·01	·34	·04	·01	·69	·24	-	-	·11	·07	-	·20		23
24	·15	·43	-	·27	-	1 04	-	·06	·09	·31	-	·04		24
25	·01	·52	-	·41	-	·05	·13	-	·74	·09	-	·23		25
26	-	-	-	·45	-	·03	-	·29	-	·48	·15	·36		26
27	·01	·29	-	·37	-	·03	-	·61	·75	-	·01	·29		27
28	-	·31	-	·48	-	·73	-	·01	·20	-	-	·60		28
29	-	X	-	·21	-	·27	-	·01	·50	1·19	-	·21		29
30	-	X	-	·01	·09	·05	-	-	-	·33	-	-		30
31	-	X	-	X	-	X	-	-	X	·08	X	·15		31
TOTAL	1·45	6·24	2·51	3·04	2·24	3·79	·92	3·13	5·12	3·77	4·56	7·14	Year's Total 44·21	
*Days with .01 in. or more.														
*Days with .04 in. or more.														

*See Instruction 3(g) on other side.

†Spare column, no entries required, except year's total.

(Signed)

(P.T.O.)

FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1913.

JAN 1913

Kept at Stonyhurst College Observatory.
in the County of Lancaster. C 1
by Revd Walter Sidgreaves S.J. F.R.A.S.

Lat. 53° 50' 40" N Long. 9m ~~52s 68. W~~
Time of Observation 10. am.
Nearest Railway Station Whalley. L&Y.
Diameter of Rain Gauge 11 in.
Height of top of Gauge above Ground 1 ft. 10 in.
" " " " Sea Level 377. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Automatic Self Recording M. D.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0.035	0.020	0.310	.	0·015	0·100	0·200	0.065	0·540	.	0·040	0·830	1
2	·110	·035	·570	0·260	·200	·095	·155	.	·195	0·010	·010	·160	2
3	·590	.	·010	.	.	·350	.	·350	·760	.	·010	·240	3
4	·675	.	·540	·500	·035	·495	.	1·210	.	.	1·020	.	4
5	·230	.	·030	.	·380	·090	.	·040	·250	·010	.	.	5
6	·260	·200	.	.	·050	.	.	·410	.	.	·030	.	6
7	.	·050	·025	·155	·285	·040	·175	·030	·585	.	·175	·010	7
8	·520	·240	·085	·076	·015	·060	.	·060	·125	.	·215	.	8
9	·120	·075	·370	·360	.	·010	.	·020	.	.	·120	·150	9
10	·170	.	.	·040	·025	·200	·045	·030	.	.	·910	·010	10
11	·055	.	.	.	·080	·185	·045	.	.	.	.	·490	11
12	·100	·090	·550	.	.	·420	.	.	.	·305	.	·200	12
13	·010	·005	.	.	.	.	.	·475	.	.	·010	·390	13
14	·210	.	·540	.	.	·360	.	·255	.	·010	.	·630	14
15	·190	·190	·025	.	·550	·395	.	·090	·010	.	.	·065	15
16	·220	.	·140	.	·110	·105	.	·160	.	·290	·070	·050	16
17	·040	·275	·070	.	.	1·670	.	·375	.	·020	·250	·630	17
18	·040	·010	·110	.	.	·055	·010	·175	.	·820	·190	·205	18
19	·055	·060	1·020	.	.	·020	.	·140	.	·390	·430	.	19
20	·120	.	·290	.	·305	·060	.	·085	.	·430	·010	·040	20
21	·010	·020	·070	.	·045	·040	.	·175	.	·285	·015	·060	21
22	.	·170	.	.	·375	.	·050	·780	.	.	·120	·025	22
23	.	·005	·200	.	.	·075	·365	1·000	.	.	·600	·010	23
24	·030	·040	·110	.	·010	·270	·050	·140	.	·070	·400	·115	24
25	.	.	·135	.	.	·290	.	·015	.	·010	·625	·220	25
26	.	·160	·195	.	.	·025	·240	·230	.	1·700	·140	·110	26
27	.	·110	·960	.	.	·440	·750	.	.	·210	·040	·080	27
28	.	·050	.	.	.	·185	·760	·405	·030	·250	·110	·035	28
29	.	·035	.	.	.	·030	·975	·175	·260	·030	.	·310	29
30	·045		·650	.	·250	·170	·025	.	.	·090	.	.	30
31	.		·200		·225		·935	·470				·280	31
Total	3·835	1·840	7·205	1·391	2·945	6·235	4·770	7·360	2·755	4·930	5·540	5·345	YEAR'S TOTAL 54·121
Rain Days.	22	~~20~~ 19	24	6	17	27	15	26	9	17	23	25	231

W. 7,500, XI. ·12

230

Section **A** for the entry of Daily Observations

Station No. 2978

METEOROLOGICAL OFFICE

METFORM 1090
(*Rev. Feb. 1965*)

REGISTER OF RAINFALL IN 196 12

Kept at Stonyhurst College

in the County of

Diameter of funnel of gauge .... in.

Height of top of gauge above ground .... ft. .... in.

Height of ground above sea level .... ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph. **Please read Notes and Instructions Overleaf**

Jan. 1, following

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·03	·02	·31	–	·01	·10	·20	·07	·54	–	·04	·83		1
2	·11	·03	·57	·26	·20	·09	·15	–	·19	·01	·01	·16		2
3	·59	–	·01	–	–	·35	–	·35	·76	–	·01	·24		3
4	·67	–	·54	·50	·03	·49	–	1·21	–	–	1·02	–		4
5	·23	–	·03	–	·38	·09	–	·04	·25	·01	–	–		5
6	·26	·20	–	–	·05	–	–	·41	–	–	·03	–		6
7	–	·05	·03	·13	·29	·04	·17	·03	·59	–	·17	·01		7
8	·52	·24	·09	·08	·01	·06	–	·06	·13	–	·21	–		8
9	·12	·07	·37	·36	–	·01	–	·02	–	–	·12	·15		9
10	·17	–	–	·04	·03	·20	·05	·03	–	–	·91	·01		10
11	·05	–	–	–	·08	·19	·05	–	–	–	–	·49		11
12	·10	·09	·55	–	–	·42	–	–	–	·31	–	·20		12
13	·01	·01	–	–	–	–	–	·47	–	–	·01	·39		13
14	·21	–	·54	–	–	·36	–	·25	–	·01	–	·63		14
15	·19	·19	·03	–	·55	·39	–	·09	·01	–	–	·07		15
16	·22	–	·14	–	·11	·11	–	·16	–	·29	·07	·05		16
17	·04	·27	·07	–	–	1·67	–	·37	–	·02	·25	·63		17
18	·04	·01	·11	–	–	·05	·01	·17	–	·82	·19	·21		18
19	·05	·06	1·02	–	–	·02	–	·14	–	·39	·43	–		19
20	·12	–	·29	–	·31	·06	–	·09	–	·43	·01	·04		20
21	·01	·02	·07	–	·05	·04	–	·17	–	·29	·01	·06		21
22	–	·17	–	–	·37	–	·05	·78	–	–	·12	·03		22
23	–	·01	·20	–	–	·07	·37	1·00	–	–	·60	·01		23
24	·03	·04	·11	–	·01	·27	·05	·14	–	·07	·40	·11		24
25	–	–	·13	–	–	·29	–	·01	–	·01	·63	·22		25
26	–	·16	·19	–	–	·03	·24	·23	–	1·70	·14	·11		26
27	–	·11	·96	–	–	·44	·75	–	–	·21	·04	·08		27
28	–	·05	–	–	–	·19	·76	·41	·03	·25	·11	·04		28
29	–	·03	–	–	–	·03	·98	·17	·26	·03	–	·31		29
30	·05	X	·65	–	·25	·17	·03	–	–	·09	–	–		30
31	–	X	·20	X	·23	X	·93	·47	X	–	X	·28		31
TOTAL	3·82	1·83	7·21	1·37	2·96	6·23	4·79	7·34	2·76	4·94	5·53	5·36	Year's Total 54·14	
*Days with .01 in. or more.														
*Days with .04 in. or more.														

*See Instruction 3(*g*) on other side.

†Spare column, no entries required, except year's total.

(*Signed*) .... (P.T.O.)

Exe DL

FORM A.
BRITISH RAINFALL.

9 JAN 1914

REGISTER OF RAINFALL IN 1913

Kept at Stonyhurst College Observatory

in the County of Lancaster C1

by Revd Walter Sidgreaves. S.J.

Lat. 53. 50. 40 N Long. 2. 52 W.
Time of Observation 10 am
Nearest Railway Station Whalley L & Y.
Diameter of Rain Gauge 11 in.
Height of top of Gauge above Ground 1 ft. 10 in.
" " " " Sea Level 377 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0·040	0·090	0·205	0·010	.	.	.	.	.	.	0·035	.	1
2	.	·170	·450	·007		0·220	.	.	.	.	·240	0·350	2
3	·015	·065	·350	.	0·650	.	.	.	.	0·010	·105	·570	3
4	·400	·240	·090	.	·100	·015	0·020	.	0·015	.	·055	·940	4
5	·220	·100	·055	.	·015	·070	·275	0·040	.	.	·015	.	5
6	·010	·350	·305		·675	·160	·300	·035	.	·005	·105	·035	6
7	.	·240	·090	.	·100	·445	·010	.	.	·620	·040	·085	7
8	.	·225	·190	.	·050	·005	.	·305	·010	.	·150	·220	8
9	.	·270	·420	·055	·110	·810	·010	·140	.	.	·055	·200	9
10	s ·040	.	·380	·190	·080	·025	.	.	·100	.	·060	.	10
11	s ·450	.	·030	·280	.	·140	.	.	.	·045	·125	·170	x 11
12	s ·050	·015	·010	.	.	.	·035	·175	·210	.	·230	·030	12
13	s ·020	·010	1·160	·020	.	.	·040	·040	·250	·125	·320	.	13
14	·120	.	·310	·190	.	.	.	.	.	·435	·240	·190	14
15	.	.	·300	·640	.	.	.	.	·020	.	·470	·100	15
16	.	.	·090	·060	.	.	·035	.	.	.	·410	·010	16
17	·010	.	.	·310	·225	·080	·520	.	·010	.	·420	.	17
18	·190	.	·365	·185	·240	·050	·050	.	.	.	·220	.	18
19	·170	.	·020	·160	·220	·170	.	.	·020	·160	·675	.	19
20	·010	.	·090	·068	·005	.	.	.	.	·195	·860	.	20
21	.	.	·030	.	·200	.	·210	·410	.		.	.	21
22	·720	.	·540	.	·230	·130	.	·730	·230		.	.	22
23	·520	.	·100	.	1·050	·045	.	·190	·100		·175		23
24	·430	·060	.	·090	·020	·015	.	·130			·060	·250	24
25	.		.	·035	.	.	.	.	·650	·010	·150	·340	25
26	.	·050	·030	1·180	.	·020	.	.	·340	.	·015	·550	26
27	.	.	.	·380	.	·070	.	.	.	·175	·075	·180	27
28	·440	.	·150	·460	·015		.	.	.	·030	·045	.	28
29	.	.	·150	·650	·040		.	·100	.		·250	.	29
30	·850	.	.	.	·020	.	.	.	.	·265	·070	.	30
31	·100	.	·180	.	·050	-	.	.	.	.	.	.	31
Total	4·805	1·885	6·090	4·970	4·045	2·470	1·485	2·285	1·955	2·075	5·670	4·210	YEAR'S TOTAL 41·945
Rain Days.	20	13	26	19	20	~~14~~ 16	11	11	12	12	28	16	~~205~~ 202

204

W.7,000, XI. 13

Section **A** for the entry of Daily Observations

Station No. 2978

METEOROLOGICAL OFFICE

METFORM 1090
(*Rev. Feb. 1965*)

REGISTER OF RAINFALL IN 19613

Kept at Stonyhurst College

in the County of

Diameter of funnel of gauge .... in.

Height of top of gauge above ground .... ft. .... in.

Height of ground above sea level .... ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph. **Please read Notes and Instructions Overleaf**

Jan. 1, following

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·04	·09	·21	·01	-	-	-	-	-	-	·03	-		1
2	-	·17	·45	·01	-	·22	-	-	-	-	·24	·35		2
3	·01	·07	·35	-	·65	-	-	-	-	·01	·11	·57		3
4	·40	·24	·09	-	·10	·02	·02	-	·02	-	·05	·94		4
5	·22	·10	·05	-	·01	·07	·27	·04	-	-	·01	-		5
6	·01	·35	·31	-	·63	·16	·30	·03	-	·01	·11	·03		6
7	-	·24	·09	-	·10	·45	·01	-	-	·62	·04	·09		7
8	-	·23	·19	-	·05	·01	-	·31	·01	-	·15	·22		8
9	-	·27	·42	·05	·11	·81	·01	·14	-	-	·05	·20		9
10	·04	-	·38	·19	·08	·03	-	-	·10	-	·06	-		10
11	·45	-	·03	·28	-	·14	-	-	-	·05	·13	·17		11
12	·05	·01	·01	-	-	-	·03	·17	·21	-	·23	·03		12
13	·02	·01	1·16	·02	-	-	·04	·04	·25	·13	·33	-		13
14	·12	-	·31	·19	-	-	-	-	-	·43	·24	·19		14
15	-	-	·30	·64	-	-	-	-	·02	-	·47	·10		15
16	-	-	·09	·06	-	-	·03	-	-	-	·41	·01		16
17	·01	-	-	·31	·23	·08	·52	-	·01	-	·42	-		17
18	·19	-	·37	·19	·24	·05	·05	-	-	-	·22	-		18
19	·17	-	·02	·16	·22	·17	-	-	·02	·16	·67	-		19
20	·01	-	·09	·07	·01	-	-	-	-	·19	·86	-		20
21	-	-	·03	-	·20	-	·21	·41	-	-	-	-		21
22	·72	-	·54	-	·23	·13	-	·73	·23	-	-	-		22
23	·52	-	·10	-	1·05	·05	-	·19	·10	-	·17	-		23
24	·43	·06	-	·09	·02	·01	-	·13	-	-	·06	·25		24
25	-	-	-	·03	-	-	-	-	·65	·01	·15	·34		25
26	-	·05	·03	1·18	-	·02	-	-	·34	-	·01	·55		26
27	-	-	-	·38	-	·07	-	-	-	·17	·07	·18		27
28	·44	-	·15	·46	·01	-	-	-	-	·03	·05	-		28
29	-	X	·15	·65	·04	-	-	·10	-	-	·25	-		29
30	·85	X	-	-	·02	-	-	-	-	·27	·07	-		30
31	·10	X	·18	X	·05	X	-	-	X	-	X	-		31
TOTAL	4·80	1·89	6·10	4·97	4·05	2·49	1·49	2·29	1·96	2·08	5·66	4·22	Year's Total 42·00	
*Days with .01 in. or more.														
*Days with .04 in. or more.														

*See Instruction 3(*g*) on other side.

†Spare column, no entries required, except year's total.

(*Signed*) ....

(P.T.O.)

FORM A.
BRITISH RAINFALL.

13 JAN 1915

REGISTER OF RAINFALL IN 1914

Kept at Stonyhurst College Observatory
in the County of Lancaster C 1
by Rev. Walter Sidgreaves S.J. F.R.A.S.

Lat. 53° 50' 40" N. Long. 9m 52s·68 W.
Time of Observation 10 am
Nearest Railway Station Whalley. L & Y
Diameter of Rain Gauge 11 in.
Height of top of Gauge above Ground 1 ft. 10 in.
" " " " Sea Level 377 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ☐

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.	.	0·150	.	.	0·060	0·470	0·750	.	0·070	.	0·300	1
2	0·085	0·010	·050	0·025	.	.	·275	·270	.	·400	0·280	·280	2
3	·375	.	·370	.	0·640	.	·010	·020	.	.	·015	·850	3
4	·190	.	·400	·400	·270	·010	.	.	.	.	·135	·370	4
5	·095	.	·840	·155	·100	·060	·020	.	.	.	·100	·450	5
6	.	.	·060	·130	·435	·205	.	·040	.	.	·485	·055	6
7	·085	·015	·260	·100	·230	.	·015	·100	.	.	·040	·230	7
8	2·074	.	·085	·040	·275	·100	.	·665	0·800	·030	·215	·130	8
9	·385	·150	.	·140	·035	·650	.	·120	1·270	·010	·640	·010	9
10	·020	·090	.	·020	·040	.	.	.	·230	.	·640	.	10
11	.	·150	·385	.	·045	.	.	.	·250	.	1·260	·155	11
12	.	·350	·201	.	·150	.	·070	.	·950	.	·740	·040	12
13	.	·330	·060	·030	.	.	·010	.	·160	·105	·200	·170	13
14	.	·355	·165	.	.	.	.	.	·110	.	·215	·245	14
15	.	.	·670	.	.	.	·010	.	·110	.	·720	.	15
16	·020	·040	·030	.	.	.	1·450	.	1·500	.	.	·040	16
17	·020	·440	·200	.	.	·060	·230	.	·225	.		·940	17
18	.	·455	·010	.	.	·015	.	.	·005	·020	.	·075	18
19	.	·060	·065	.	.	.	·040	.	·110	.	·030	·350	19
20	.	·100	·055	.	·050	·045	.	.	.	.	.	·020	20
21	.	·230	·020	.	.	·155	·130	.	.	·020	·010	·075	21
22	.	·190	·010	·080	·265	·365	.	·110	.	·010	.	.	22
23	.	·008	·175	·200	·149	·105	·150	.	.	·015	.	.	23
24	·190	.	·390	·150	·015	·030	1·190	·200	.	·020	·290	.	24
25	·085	.	.	.	010	.	·390	·170	.	·670	·055	·470	25
26	·035	·010	·010	.	.	.	·065	·050		·340	·520	·250	26
27	·080	.	·010	.	.	·045	·065	.	·050	·800	·510	·670	27
28	·165	·235	·090	.	·080	·055	·015	·025	.	.	·430	·070	28
29	·195	.	·060	.	·060	.	.	·030	.	·060	·210	·020	29
30	.		·295	.	.	.	.	·090	.	·015	·305	·150	30
31	·485		·260		·045		·390	.		·070		.	31
Total	4·734	3·218	5·376	1·470	2·894	1·960	4·995	2·640	5·770	2·655	8·045	6·415	YEAR'S TOTAL 50·172
Rain Days.	17	18	28	12	18	15	19	14	13	16	23	25	218

W. 8,000. X. 14.

Section **A** for the entry of Daily Observations

Station No. 2948

METEOROLOGICAL OFFICE

METFORM 1090
(Rev. Feb. 1965)

REGISTER OF RAINFALL IN 19~~6~~ 14

Kept at Stonyhurst College

in the County of

Diameter of funnel of gauge .... in.

Height of top of gauge above ground .... ft. .... in.

Height of ground above sea level .... ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph. **Please read Notes and Instructions Overleaf**

Jan. 1, following

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	–	·15	–	–	·06	·47	·75	-	·07	–	·30		1
2	·03	·01	·05	·03	–	–	·27	·27	–	·40	·28	·28		2
3	·37	–	·37	–	·64	–	·01	·02	–	–	·01	·85		3
4	·19	–	·40	·40	·27	·01	–	–	–	–	·13	·37		4
5	·09	–	·84	·15	·10	·06	·02	–	–	–	·10	·45		5
6	–	–	·06	·13	·43	·21	–	·04	–	–	·49	·05		6
7	·09	·01	·26	·10	·23	–	·01	·10	–	–	·04	·23		7
8	2·07	–	·09	·04	·27	·10	–	·67	·80	·03	·21	·13		8
9	·59	·15	–	·14	·03	·65	–	·12	1·27	·01	·64	·01		9
10	·02	·09	–	·02	·04	–	–	–	·23	–	·64	–		10
11	–	·15	·39	–	·05	–	–	–	·25	–	1·26	·15		11
12	–	·35	·20	–	·15	–	·07	–	·95	–	·74	·04		12
13	–	·33	·06	·03	–	–	·01	–	·16	·11	·20	·17		13
14	–	·35	·17	–	–	–	–	–	·11	–	·21	·25		14
15	–	–	·67	–	–	–	·01	–	·11	–	·72	–		15
16	·02	·04	·03	–	–	–	1·45	–	1·50	–	–	·04		16
17	·02	·44	·20	–	–	·06	·23	–	·23	–	–	·94		17
18	–	·45	·01	–	–	·01	–	–	·01	·02	–	·07		18
19	–	·06	·07	–	–	–	·04	–	·11	–	·03	·35		19
20	–	·10	·05	–	·05	·05	–	–	–	–	–	·02		20
21	–	·23	·02	–	–	·15	·13	–	–	·02	·01	·07		21
22	–	·19	·01	·08	·27	·37	–	·11	–	·01	–	–		22
23	–	·01	·17	·20	·15	·11	·15	–	–	·01	–	–		23
24	·19	–	·39	·15	·01	·03	1·19	·20	–	·02	·29	–		24
25	·09	–	–	–	·01	–	·39	·17	–	·67	·05	·47		25
26	·03	·01	·01	–	–	–	·07	·05	–	·34	·52	·25		26
27	·08	–	·01	–	–	·05	·07	–	·05	·80	·51	·67		27
28	·17	·23	·09	–	·08	·05	·01	·03	–	–	·43	·07		28
29	·19	X	·06	–	·06	–	–	·03	–	·06	·21	·02		29
30	–	X	·29	–	–	–	–	·09	–	·01	·31	·15		30
31	·49	X	·26	X	·05	X	·39	–	X	·07	X	–		31
TOTAL	4·73	3·20	5·38	1·47	2·89	1·97	4·99	2·65	5·78	2·65	8·03	6·40	Year's Total 50·14	
*Days with .01 in. or more.														
*Days with .04 in. or more.														

*See Instruction 3(*g*) on other side.

†Spare column, no entries required, except year's total.

(*Signed*) .... (P.T.O.)

3134

FORM A.
BRITISH RAINFALL
JAN 1916

REGISTER OF RAINFALL IN 1915

Kept at Stonyhurst College Observatory.

in the County of Lancaster.

by Rev. Walter Sidgreaves S.J.

Lat. 53° 50' 40" Long. 9^m 52^s ·68 W.

Time of Observation 10 am.

Nearest Railway Station Whalley L&Y.

Diameter of Funnel of Rain Gauge 11 in.

Height of top of Gauge above Ground 1 ft. 10 in.

" " " " Sea Level 377 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.300	.570	.040	.	.340	.	.290	.470	.030	.	.	.	1
2	.	.670	.600	.340	.	.060	.410	.250	.	.010	.	.	2
3	.470	.020	.300	1.000	.	.	.410	.190	.	.	.	.360	3
4	.	.190	.140	.	.215	.200	.010	.	.	.	.	.575	4
5	.250	.280	.735	.010	.060	.020	.	.025	.	.	.	.790	5
6	.330	.035	.	.345	.	.	.550	.110	.	.	.	.210	6
7	.950	.640	.	.255	.	.	.310	1.110	.	.	.020	.180	7
8	.550	.075	.	.320	.	.	.	.290	.	.	.640	.	8
9	.700	.025	.	.120	.	.	.055	.040	.	.020	.450	.540	9
10	.	.	.320	.080	.	.	.010	.320	.	.	.	.270	10
11	.075	.	.	.	.850	.	.310	.150	.	.	.080	.410	11
12	.630	.	.010	.100	.	.	.060	.410	.	.250	.390	.	12
13	.325	.195	.	.	.	.	.	.250	.100	.040	.	.060	13
14	.270	.	.	.230	.	.	.400	.030	.050	.060	.	.210	14
15	1.220	.	.	.200	.	.	.030	.320	.	.	.450	.150	15
16	.	.495	.	.010	.150	.	.330	.860	.	.	.	.	16
17	.	.160	.170	.	.	.	.040	.	.	.	.	.	17
18	.050	.300	.330	.			.	.	.	.020	.	.	18
19	.030	.125	.100	.190	.090	.	.270	.030	.	.	.		19
20	.700	.110	.050	.	.050	.	.030	.	.	.	.	.600	20
21	.045	.140	. .	.140	.	.	.360	.	.	.	.	.280	21
22	.	.	.060	.	.	.	.020	.	.	.020	.	.200	22
23	.	.	.160	.010	.	.	.025	.	.095	.190	.	.420	23
24	.	.	.075	.050	.	.	.	.	.372	.010	.	.600	24
25	.	.	.	.	.	.250	.	.	.130	.	.	.330	25
26	.	.400	.	.	.	.	.200	.	.	.	.	.400	26
27	.	.125	.	.	.	.010	.185	.	.	.450	.	.200	27
28	.	.300	.	.	.040	.370	.	.430	.	.100	.	.	28
29	.	.	.	.	.050	.030	.	.	.	.	.050	.320	29
30	.230	X	.	.420	.	.095	.080	.070	.	.	.	.100	30
31	.300	X	.	X	.	X	.	.500	X	.010	X	.320	31
Total	7.425	4.855	3.090	3.820	1.845	1.035	4.380	5.855	0.777	1.180	2.080	7.525	YEAR'S TOTAL 43.867
Rain Days.	18	19	14	17	9	8	22	19	6	12	7	22	173

Section **A** for the entry of Daily Observations

Station No. 2978

METEOROLOGICAL OFFICE

METFORM 1090
(Rev. Feb. 1965)

REGISTER OF RAINFALL IN 19615

Kept at Stonyhurst College
in the County of
Diameter of funnel of gauge .... in.
Height of top of gauge above ground .... ft. .... in.
Height of ground above sea level .... ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph. **Please read Notes and Instructions Overleaf**

Jan. 1, following

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·30	·57	·04	-	·34	-	·29	·47	·03	-	-	-		1
2	-	·67	·60	·34	-	·06	·41	·25	-	·01	-	-		2
3	·47	·02	·30	1·00	-	-	·41	·19	-	-	-	·36		3
4	-	·19	·14	-	·21	20	·01	-	-	-	-	·57		4
5	·25	·28	·73	·01	·06	·02	-	·03	-	-	-	·79		5
6	·33	·03	-	·35	-	-	·55	·11	-	-	-	·21		6
7	·95	·64	-	·25	-	-	·31	1·11	-	-	·02	·18		7
8	·55	·07	-	·32	-	-	-	·29	-	-	·64	-		8
9	·70	·03	-	·12	-	-	·05	·04	-	·02	·45	·54		9
10	-	-	·32	·08	-	-	·01	·32	-	-	-	·27		10
11	·07	-	-	-	·85	-	·31	·15	-	-	·08	·41		11
12	·63	-	·01	·10	-	-	·06	·41	-	·25	·39	-		12
13	·33	·19	-	-	-	-	-	·25	·10	·04	-	·06		13
14	·27	-	-	·23	-	-	·40	·03	·05	·06	-	·21		14
15	1·22	-	-	20	-	-	·03	·32	-	-	·45	·15		15
16	-	·49	-	·01	·15	-	·33	·86	-	-	-	-		16
17	-	·16	·17	-	-	-	·04	-	-	-	-	-		17
18	·05	·30	·33	-	-	-	-	-	-	·02	-	-		18
19	·03	·13	·10	·19	·09	-	·27	·03	-	-	-	-		19
20	·70	·11	·05	-	·05	-	·03	-	-	-	-	·60		20
21	·05	·14	-	·14	-	-	·36	-	-	-	-	·28		21
22	-	-	·06	-	-	-	·02	-	-	·02	-	·20		22
23	-	-	·16	·01	-	-	·03	-	·09	·19	-	·42		23
24	-	-	·07	·05	-	-	-	-	·37	·01	-	·60		24
25	-	-	-	-	-	·25	-	-	·13	-	-	·33		25
26	-	·40	-	-	-	-	·20	-	-	-	-	·40		26
27	-	·13	-	-	-	·01	·18	-	-	·45	-	·20		27
28	-	·30	-	-	·04	·37	-	·43	-	·10	-	-		28
29	-	X	-	-	·05	·03	-	-	-	-	·05	·32		29
30	·23	X	-	·42	-	·09	·08	·07	-	-	-	·10		30
31	·30	X	-	X	-	X	-	·50	X	·01	X	·32		31
TOTAL	7·43	4·85	3·08	3·82	1·84	1·03	4·38	5·86	·77	1·18	2·08	7·52	Year's Total 43·84	
*Days with .01 in. or more.														
*Days with .04 in. or more.														

*See Instruction 3(*g*) on other side. †Spare column, no entries required, except year's total.

(*Signed*) .... (P.T.O.)

Brixton Cranwell missing
Manchester
York Heaton

Everz 1/6

REGISTER OF RAINFALL IN 1916.

FORM A. BRITISH RAINFALL.

JAN 1917

2978

3063

Kept at Stonyhurst College Observatory
in the County of Lancaster.
by Revd W. Sidgreaves. S.J.

Lat 53 50 40 N Long 9m [illegible] 68 W.
Time of Observation 10. Am.
Nearest Railway Station Whalley L&Y.
Diameter of Funnel of Rain Gauge ~~4~~ 8 in.
Height of top of Gauge above Ground 1 ft. 10 in.
" " " " Sea Level 377 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0·240	.	0·180	.	.	0·060	0·280	.	.	.	0·080	.	1
2	·050	0·170	·070	.	.	·180	.	.	0·100	0·260	·205	0·015	2
3	·050	·020	·010	0·030	.	·120	·130	.	·610	·270	·175	·020	3
4	·130	·090	.	.	0·430	·650	·090	.	·050	·675	·410	.	4
5	·340	·730	.	.	·290	·070	.	.	.	1·350	·250	.	5
6	1·000	·460	·050	.	·270	·130	·260	.	.	·160	·225	·060	6
7	·100	·080	·050	.	·190	·150	·280	.	.	·240	·210	·410	7
8	·020	·120	·040	.	.	·270	·010	.	.	·090	·425	·070	8
9	·080	.	·010	.	·480	·250	·040	.	.	·020	·140	·150	9
10	·160	·370	·005	·360	.	·220	·180	.	.	1·150	·100	·035	10
11	·030	·180	·060	·970	·070	.	·340	.	·370	·145	·050	·060	11
12	·440	·370	·080	·060	·270	.	·650	0·080	·050	·100	·030	.	12
13	.	·050	·020	·440	.	.	.	·750	.	1·680	·005	.	13
14	·080	·130	.	·210	·670	.	.	1·240	·210	·255	.	.	14
15	.	·200	·220	·060	.	.	·200	·760	·090	·080	.	.	15
16	·100	·330	·330	·410	.	.	·070	·030	·040	·040	.	.	16
17	·050	·180	.	1·010	.	.	·020	·100	1·150	·150	.	.	17
18	.	·720	.	·200	.	.	.	·170	·390	·250	·155	s ·130	18
19	·380	.	·220	·320	.	.	.	·120	.	.	·040	.	19
20	·550	.	.	·080	.	.	·010	·010	.	.	·160	·060	20
21	·400	.	.	·310	·070	.	·200	.	.	.	·060	.	21
22	.	.	.	.	.	·070	.	.	.	·185	·050	·070	22
23	·080	.	·060	·110	.	.	.	·030	.	·010	·150	·160	23
24	·030	·060	·010	.	.	·090	.	·450	.	·130	.	·040	24
25	·090	·150	·200	.	·110	·050	.	·200	.	·110	·500	·045	25
26	·130	·080	·170	.	.	.	·070	.	.	·055	·030	.	26
27	.	·110	·110	.	.	.	.	·010	·030	·450	·020	·070	27
28	·020	·080	·030	.	·020	.	.	.	.	·990	·090	1·030	28
29	·040	·050	.	.	.	·170	·020	.	.	·290	·040	·660	29
30	·040	╳	.	.	.	·020	030	180	.	1·020	·005	·170	30
31	·040	╳	.	╳	·250	╳			╳	·200	╳	·595	31
Total	4·670	4·730	1·925	4·570	3.120	2·500	2·880	4·130	3·090	10·305	3·605	3·850	YEAR'S TOTAL 49·375
Rain Days.	26	22	20	14	12	15	18	14	11	27	25 24	19	2 223
	22	21	14	13	11	14	13	10	10	25	20	16	183 13

W. 8,000, VIII. 16

Section **A** for the entry of Daily Observations

Station No. 2978

METEOROLOGICAL OFFICE

METFORM 1090
(*Rev. Feb. 1965*)

REGISTER OF RAINFALL IN 19~~6~~ 16

Kept at Stonyhurst College

in the County of

Diameter of funnel of gauge .... in.

Height of top of gauge above ground .... ft. .... in.

Height of ground above sea level .... ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph. **Please read Notes and Instructions Overleaf**

Jan. 1, following

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·24	-	·18	–	–	·06	·28	–	–	–	·08	–		1
2	·05	·17	·07	–	–	·18	–	–	·10	·26	·21	·01		2
3	·05	·02	·01	·03	–	·12	·13	–	·61	·27	·17	·02		3
4	·13	·09	–	–	·43	·65	·09	–	·05	·63	·41	–		4
5	·34	·73	–	–	·29	·07	–	–	–	1·35	·25	–		5
6	1·00	·46	·05	–	·27	·13	·26	–	–	·16	·23	·06		6
7	·10	·08	·05	–	·19	·15	·28	–	–	·24	·21	·41		7
8	·02	·12	·04	–	–	·27	·01	–	–	·09	·43	·07		8
9	·08	–	·01	–	·48	·25	·04	–	–	·02	·14	·15		9
10	·16	·37	·01	·36	–	·22	·18	–	–	1·15	·10	·03		10
11	·03	·18	·06	·97	·07	–	·34	–	·37	·15	·05	·06		11
12	·44	·37	·08	·06	·27	–	·65	·08	·05	·10	·03	–		12
13	–	·05	·02	·44	–	–	–	·75	–	1·68	·01	–		13
14	·08	·13	–	·21	·67	–	–	1·24	·21	·25	–	–		14
15	–	·20	·22	·06	–	–	·20	·76	·09	·08	–	–		15
16	·10	·33	·33	·41	–	–	·07	·03	·04	·04	–	–		16
17	·05	·18	–	1·01	–	–	·02	·10	1·15	·15	–	–		17
18	–	·72	–	·20	–	–	–	·17	·39	·25	·15	·13		18
19	·38	–	·22	·32	–	–	–	·12	–	–	·04	–		19
20	·55	–	–	·08	–	–	·01	·01	–	–	·16	·06		20
21	·40	–	–	·31	·07	–	·20	–	–	–	·06	–		21
22	–	–	–		–	·07	–	–	–	·19	·05	·07		22
23	·08	–	·06	·11	–	–	–	·03	–	·01	·15	·16		23
24	·03	·06	·01	–	–	·09	–	·45	–	·13	–	·04		24
25	·09	·15	·20	–	·11	·05	–	·20	–	·11	·50	·05		25
26	·13	·08	·17	–	–	–	·07	–	–	·05	·03	–		26
27	–	·11	·11	–	–	–	–	·01	·03	·45	·02	·07		27
28	·02	·08	·03	–	·02	–	–	–	–	·99	·09	1·03		28
29	·04	·05	–	–	–	·17	·02	–	–	·29	·04	·66		29
30	·04	X	–	–	–	·02	·03	·18	–	1·02	·01	·17		30
31	·04	X	–	X	·25	X	–	–	X	·20	X	·59		31
TOTAL	4·67	4·73	1·93	4·57	3·12	2·50	2·88	4·13	3·09	1031	3·62	3·84	Year's Total 4939	
*Days with .01 in. or more.														
*Days with .04 in. or more.														

*See Instruction 3(*g*) on other side. †Spare column, no entries required, except year's total.

(*Signed*) .... (P.T.O.)

REGISTER OF RAINFALL IN 1917

FORM A. BRITISH RAINFALL. 9 JAN 1918 2978

Kept at Stonyhurst College Observatory
in the County of Lancaster
by Revd Walter Sidgreaves, S.J.

Lat. 53·50'40 Long. 9m 52s W.
Time of Observation 10 am
Nearest Railway Station Whalley L&Y.
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 10 in.
" " " " Sea Level 377 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0·110	...	...	0·110	...	0·080	...	0·005	0·180	...	0·720	0·210	1
2	1·450	...	...	...	...	·610	...	·030	·020	0·045	020	...	2
3	·080	0·400	...	...	...	·415	...		...	·775	100	·030	3
4	·020	...	0·120	·010	...	...	...		...	·455	005	...	4
5	·320	...	·130	·150	...	...	...		·005	·155	400	170	5
6	·070	...	...	...	...	·480	...		...	·520	370	320	6
7	·550	...	...	...	...	·045	...		...	·880	125	028	7
8	...	...	...	·280	...	...	...	·270	·065	1·000	310	265	8
9	...	...	·020	·060	0·045	...	...	·200	...	·085	420	...	9
10	·370	...	·570	·200	·100	...	...	·115	...	...	...	...	10
11	...	...	...	...	·040	...	...	·310	...	·280	·040	...	11
12	...	·050	·040	...	·530	...	...	·155	·040	·715	...	130	12
13	·010	...	...	·160	...	...	...	·100	1·045	...	120	575	13
14	·190	...	...	·140	...	...	...	·180	...	...	008	350	14
15	·010	·050	...	...	...	...	0·220	·160	·630	·070	020	300	15
16	·010	...	·015	·060	...	·140	...	·450	·030	·175	030	150	16
17	·010	·120	·560	·310	·075	...	·330	·870	...	·230	030	...	17
18	·010	·010	·205	·040	·030	...	·890	·100	·600	·080	028	...	18
19	...	·370	·260	...	·410	·150	...	·090	...	...	040	050	19
20	·010	·420	...	...	·185	·425	...	·115	·020	...	970	...	20
21	·005	·030	·110	...	·070	·035	...	·090	...	·080	020	...	21
22	...	·120	...	...	...	...	...	·060	·200	·750	150	...	22
23	...	...	...	...	·075	·805	·020	·210	·100	·230	020	170	23
24	...	...	...	...	...	·040	·070	·340	...	·745	350	110	24
25	...	·140	·105	...	...	...	...	·050	·040	·080	...	...	25
26	...	...	...	...	...	·350	...	·705	·310	·5[illegible]	1820	...	26
27	...	...	·095	·020	...	·135	·540	·460	...	·235	120	...	27
28	...	·150	·450	...	...	...	·030	·330	...	(·715)	005	...	28
29	...	...	·020	...	...	...	...	·250	...	·410	060	005	29
30	·010	X	·010	...	...	...	...	·020	...	·120	140	...	30
31	...	X	·460	X	·020	X	·010	·550	X	·105	X	...	31
Total	3·235	1·860	3·110	1·540	1·530	3·710	2·110	6·215	3·285	8·805	5·971	2·813	YEAR'S TOTAL 44·184
Rain Days.	~~17~~ 16	11	16	12	11	13	8	26	~~14~~ 15	25	27	~~15~~ 14	192
	8	9	12	10	8	12	5	23	10	24	17	12	192

W. 8 000, IX. 17.

Section **A** for the entry of Daily Observations

Station No. 2978

METEOROLOGICAL OFFICE

METFORM 1090
(Rev. Feb. 1965)

REGISTER OF RAINFALL IN 1967

Kept at Stonyhurst College

in the County of

Diameter of funnel of gauge in.

Height of top of gauge above ground ft. in.

Height of ground above sea level ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following yecr in the space on the right of this paragraph. **Please read Notes and Instructions Overleaf**

Jan. 1, following

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	†	
1	2.8	–	–	2.9	–	2.1	–	0.2	4.5	–	5.6	5.4		1
2	36.9	–	–	–	–	15.5	–	0.8	0.6	1.2	0.5	–		2
3	2.1	10.2	–	–	–	10.6	–	–	–	19.6	2.5	0.8		3
4	.0.5	–	3.1	0.3	–	–	–	–	–	11.7	0.1	–		4
5	8.2	–	3.4	3.9	–	–	–	–	0.2	3.9	10.1	4.3		5
6	1.8	–	–	–	–	12.3	–	–	–	13.2	9.4	8.2		6
7	14.0	–	–	–	–	1.2	–	–	–	22.4	3.2	0.8		7
8	–	–	–	7.2	–	–	–	6.9	1.7	25.5	8.0	6.9		8
9	–	–	0.5	1.5	1.3	–	–	5.2	–	2.2	10.7	–		9
10	9.4	–	13.0	5.2	2.6	–	–	3.0	–	–	–	–		10
11	–	–	–	–	1.1	–	–	8.0	–	7.1	1.0	–		11
12	–	1.2	1.0	–	13.5	–	–	4.0	1.1	18.2	–	3.3		12
13	0.3	–	–	4.1	–	–	–	2.5	26.6	–	3.1	13.4		13
14	4.9	–	–	3.6	–	–	–	4.6	–	–	0.2	9.0		14
15	0.2	1.2	–	–	–	–	5.6	4.1	17.0	0.5	0.6	7.6		15
16	0.2	–	0.4	1.6	–	3.6	–	11.5	0.8	4.5	0.8	3.5		16
17	0.2	3.1	14.3	7.9	0.7	–	8.4	22.1	–	5.9	0.8	–		17
18	.02	0.2	5.3	1.1	0.7	–	22.7	2.5	15.2	2.1	0.8	–		18
19	–	9.5	6.7	–	10.5	3.8	–	2.4	–	–	1.0	1.3		19
20	0.2	10.7	–	–	4.8	11.0	–	2.9	0.6	–	24.6	–		20
21	–	0.7	2.8	–	1.8	1.1	–	2.4	–	2.1	0.5	–		21
22	–	3.1	–	–	–	–	–	1.6	5.1	19.1	3.8	–		22
23	–	–	–	–	2.0	20.5	0.6	5.4	2.6	5.9	0.5	4.3		23
24	–	–	–	–	–	1.1	1.8	8.7	–	18.9	9.0	2.8		24
25	–	3.6	2.8	–	–	–	–	1.3	1.0	2.1	–	–		25
26	–	–	–	–	–	9.0	–	18.0	8.0	13.2	46.3	–		26
27	–	–	2.5	0.6	–	3.5	13.8	11.7	–	6.0	3.0	–		27
28	–	3.8	11.5	–	–	–	.0.8	8.5	–	5.5	0.2	–		28
29	–	X	0.5	–	–	–	–	6.4	–	10.4	1.5	0.2		29
30	.02	X	–	–	–	–	–	.0.6	–	3.1	4.3	–		30
31	–	X	11.7	X	0.6	X	0.2	140	X	0.2	X	–		31
TOTAL	82.1	47.3	79.5	39.9	39.6	95.3	53.9	159.3	85.0	224.5	152.1	71.8	Year's Total 1130.3	
*Days with .01 in. or more.														
*Days with .04 in. or more.														

*See Instruction 3(*g*) on other side. †Spare column, no entries required, except year's total.

(Signed) (P.T.O.)

E.S.E.

41

2978

FORM A. BRITISH RAINFALL.

8 . 1 . 19

REGISTER OF RAINFALL IN 1918

Kept at Stonyhurst Observatory

in the County of Lancaster

by Rev. W. Sidgreaves, S.J.

Lat. 53° 50' 40" N Long. 9m 52s 68 W

Time of Observation 10 am

Nearest Railway Station Whalley L & Y.

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 10 in.

" " " " Sea Level 377 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Director, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.	0.300		0.055		.			0.950	0.805	0.380	1.140	1
2	.	.160							.250	.250	.010	.710	2
3	0.	.080			0.540				.070	.680	.015	.010	3
4	0.095		.010						.620	.310	.355	.220	4
5	.	.030	.010	.270	.170	0.010		0.860	.010	.705	.050		5
6	.145	1.170		.500		.270		.020		.320		.010	6
7	.	.290		.095				.075	.120	.250	.190	.005	7
8	.320	.150	.140			.080	0.450	.030	1.040	.250	.112	.020	8
9	.200	.510				.020	.090		.880	.665	.040	.080	9
10	.115	1.010	.075	.050		.260	.020		.400	.135	.715	.060	10
11	.350	.310	.030	.150	.080		.395	.030	.260			.450	11
12	.100	.450		.020	.050		.020		.750			.440	12
13	.090			.025	.145	.020			.570	.370		.010	13
14	.530					.120	.205		.655	.140		.500	14
15	.010					.085	.450		1.690	.010		.580	15
16	.010					.030	.220	.400	.480			.420	16
17	.360				.080	.030	.410	.210	.130	.255		.280	17
18	.655		.100				.150	.020	.270			.570	18
19	.250	.110	.180	.190			.400	.650	.350	.030		.520	19
20	.070	.665		.055		.250	.160		.280			.005	20
21	.210	.290				.260	.020		.620			.100	21
22	.080	.005			.410	.100	.150	.040	.760			1.175	22
23	.070				.200		1.280		.005		.090	.150	23
24	.050	.250					.305	.250	.220	.130	.100	.190	24
25	.	.015			.130	.660	.100	.660	.660		.015	.005	25
26	.	.070				.030		.100	.330	.260	.635	.130	26
27	.	.130	.650			.140	.010	.775	.635	.110	.360	.805	27
28	.	.020	.250					.030	.050		.080	1.400	28
29	.	.	.050					.280	.150			.370	29
30	.		.175					.155	.030	.080	.390	.240	30
31			.070					.660		.005		.050	31
Total	3.710	6.015	1.690	1.410	1.805	2.365	4.835	5.195	17.675	5.210	3.537	10.595	YEAR'S TOTAL 58.992
Rain Days.	19	20	12	10	9	16	18	18	~~29~~ 28	20	16	~~30~~ 28	~~217~~
W. Days	17	16	8	8	9	10	14	13	26	16	13	23	173 214

41

W, 6,500, VII. 18. W W C

Section **A** for the entry of Daily Observations

Station No. 2948

METEOROLOGICAL OFFICE

METFORM 1090
(*Rev. Feb. 1965*)

REGISTER OF RAINFALL IN 196 18

Kept at Stonyhurst College

in the County of

Diameter of funnel of gauge .... in.

Height of top of gauge above ground .... ft. .... in.

Height of ground above sea level .... ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph. Please read Notes and Instructions Overleaf

Jan. 1, following

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	†	
1	-	7.6	-	1.5	-	-	-	-	24.2	7.8	9.7	29.0		1
2	-	4.1	-	-	-	-	-	-	6.4	6.4	0.2	18.0		2
3	-	2.1	-	-	13.8	-	-	-	1.8	17.2	0.2	0.2		3
4	2.5	-	0.2	-	-	-	-	-	15.7	8.0	9.1	5.6		4
5	-	0.3	0.2	6.9	4.4	0.2	-	21.9	0.3	18.0	1.3	-		5
6	3.7	29.7	-	12.7	-	6.9	-	0.5	-	8.2	-	0.2		6
7	-	7.4	-	2.3	-	-	-	2.0	3.1	6.4	4.8	0.1		7
8	8.2	3.8	3.6	-	-	2.1	11.5	-	26.4	6.5	2.8	0.5		8
9	5.1	13.0	-	-	-	0.5	2.4	-	22.4	16.9	1.1	2.1		9
10	3.0	25.7	0.7	1.3	-	6.6	0.5	0.7	10.2	3.5	18.2	1.5		10
11	9.0	8.0	0.7	3.8	2.1	-	10.1	0.7	6.6	-	-	11.4		11
12	2.5	11.5	-	0.5	1.2	-	0.5	-	6.4	-	-	11.2		12
13	2.3	-	-	0.5	3.7	0.5	-	-	13.0	9.4	-	0.2		13
14	13.5	-	-	-	-	3.1	5.4	-	16.8	3.6	-	12.7		14
15	0.3	-	-	-	-	2.2	11.5	-	43.0	0.3	-	148		15
16	0.3	-	-	-	-	0.8	5.6	10.2	12.2	-	-	10.7		16
17	9.2	-	-	-	2.1	0-8	10.4	5.4	3.3	6.5	-	7.1		17
18	16.9	-	2.5	-	-	-	3.8	0.5	6.9	-	-	14.5		18
19	6.4	2.8	4.5	4.8	-	-	10.2	16.5	8.9	0.7	-	13.1		19
20	1.8	16.9	-	1.5	-	6.4	4.1	-	5.8	-	-	0.1		20
21	5.3	7.4	-	-	-	6.6	0.4	-	15.8	-	-	2.5		21
22	2.0	0.1	-	-	10.4	2-6	3.8	1.1	193	-	-	28.5		22
23	1.8	-	-	-	5.1	-	32.6	-	0.7	-	2.3	3.8		23
24	1.3	6.4	-	-	-	-	8.0	6.4	5.6	3.3	2.6	4.8		24
25	-	0.4	-	-	3.3	16.8	2.6	16.7	16.8	-	0.4	0.2		25
26	-	1.8	-	-	-	0.8	-	2.6	8.4	6.6	16.2	3.3		26
27	-	3.4	16.5	-	-	3-5	0.2	18.5	16.2	2.8	9.1	20.5		27
28	-	0.4	6.4	-	-	-	-	0.8	1.3	-	2.1	35.6		28
29	-	X	1.3	-	-	-	-	7.1	3.8	-	-	9.4		29
30	-	X	4.5	-	-	-	-	4.1	0.8	0.8	10.0	6.1		30
31	-	X	1.8	X	-	X	-	16.8	X	0.2	X	1.3		31
TOTAL	95.1	152.8	42.9	35.8	46.1	60.4	123.6	132.5	322.1	133.1	90.1	269.1	Year's Total 1503.6	
*Days with .01 in. or more.														
*Days with .04 in. or more.														

*See Instruction 3(*g*) on other side. †Spare column, no entries required, except year's total.

(*Signed*) .... (P.T.O.)

~~W~~. 4606

2757

2978

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Stonyhurst College Observatory

in the County of Lancashire

by Revd A. L. Cortie S.J.

Lat 53° 50' 40" N Long 9m 52 sec ·68. W.

Time of Observation 10 hrs

Nearest Railway Station Whalley L & Y.

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 10 in.

" " " " Sea Level 377 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·440	·005	.	.	·710	.	·170	·280	·420	·420	.	·080	1
2	·225	.	·040	.	·120	.	·080	·020	·640	.	015.	355	2
3	·800	·005	.	.	·250	·135	·520	·010	·020	.	035	140	3
4	·180	·030	·305	.	·050	.	.	·130	·010	.	~~010~~	135	4
5	·070	.	.	·080	·175	.	.	.	·010	025	~~010~~	250	5
6	·150	.	·990	.	·445	.	.	.	·150	.	.	135	6
7	·060	.	·260	·085	·005	.	.	.	·015	.	020	.	7
8	·130	.	·005	.	.	·050	.	.	.	.	.	.	8
9	·705	.	·105	·050	·045	·110	.	.	.	.	.	130	9
10	-	.	1·375	·260	·070	.	.	.	.	.	~~010~~	.	10
11	·070	.	·720	·250	·050	.	·105	.	·010	030	010	.	11
12	-	.	·070	·010	.	·050	.	.	·015	060	235		12
13	·270	.	.	·280	.	.	·090	·125	-	320	.	160	13
14	·345	.	.	·260	.	.	.	.			.	055	14
15	·220	·050	.	·030	.	.	.	·075	.		.	330	15
16	·140	·055	.	·170	.	·083	.	.	.		500	045	16
17	·010	·010	.	·380	.	·090	·070	·530	.		865	015	17
18	·095	.	·320	·005	.	.	.	·330	·240		040	455	18
19	·050	·490	·305	.		·310	·010	·030	.		190	185	19
20	·270	·120	·040	.		·330	·015	·150	·025		260	750	20
21	·010	·340	·005	.	.	.	·200	·050	·050		120	190	21
22	-	·100	·010	.	.	·245	.	·070	·690	010	430	950	22
23	·005	.	.	·120	.	·095	.	.	.	1·060	050	090	23
24	·030	.	.	·050	·135	·030	.	·055	·540	120	335	810	24
25	·310	·010	.	·340	.	·010	.	·525	·380	.	285	.	25
26	·650	.	805	·280	.	·140	.	·940	·160	.	015	430	26
27	·030	·080	·005	·120	.	.	.	·045	.	.	005	015	27
28	-	.		.	.	·060	.	·570	.	.	.	385	28
29	·040	.	.	·005	.	·010	.	·110	·005	300	.	255	29
30	·010	✕	190	·300	.	·040	.	.	.	090	235	280	30
31		✕	020	✕	.	✕	·640	.	✕	.	✕	040	31
Total	5·265	1·295	5·570	3·075	2·055	1·788	1·900	4·045	3·380	2·435	~~3·675~~	6·645	YEAR'S TOTAL ~~·41.178~~ C3
Days with ·01 in. or more	20	~~12~~ 11	~~18~~ 16	~~19~~ 18	11	16	10	18	~~19~~ 16	10	~~21~~ 16	25	= ~~208~~

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

see MM return ~~178~~

Sox. 18th send by M.O. copy 2757 2978

15 JAN 20

FORM A/2. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Stonyhurst College Observatory
in the County of Lancashire
by Revd. A. L. Cortie S.J.

Lat 53°50'40" Long 9m 52s 68 W
Time of Observation 10 am
Nearest Railway Station Whalley L&Y
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 10 in.
" " " " Sea Level 377 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	11.2	0.2	-	.	18.0	.	4.3	7.1	10.7	10.7	.	2.1	1
2	5.8	.	1.1	.	3.1	.	2.0	0.4	16.3	.	0.1	9.1	2
3	20.4	0.1	[illegible]	.	6.4	3.4	13.2	0.2	0.5	.	1.1	3.5	3
4	4.6	0.7	7.8	.	1.3	.	.	3.3	0.3	.	0.1	3.5	4
5	1.7	.	-	2.1	4.5	.	.	.	0.3	0.7	0.1	6.4	5
6	3.5	.	25.2	.	11.4	.	.	.	3.8	.	.	3.5	6
7	1.5	.	6.5	2.2	0.2	.	[illegible]	.	0.4	.	0.2	.	7
8	3.3	.	0.2	[illegible]	.	1.3	.	.	.	.	.	.	8
9	18.0	.	2.5	1.3	1.2	2.8	[illegible]	.	-	.	.	3.6	9
10	.	.	35.0	6.5	1.8	.	.	.	.	.	0.1	.	10
11	0.5	.	18.3	6.3	1.3	.	2.7	.	0.3	0.7	0.1	.	11
12	.	.	1.8	0.2	.	1.3	.	.	0.4	1.6	6.0	.	12
13	6.8	.	.	7.1	.	.	2.3	3.2	.	8.2	.	4.1	13
14	8.8	.	.	6.6	.	.	.	.	.	.	.	1.4	14
15	5.6	1.3	.	0.8	.	.	.	2.1	.	.	.	8.4	15
16	3.5	1.5	.	4.3	.	2.0	.	.	.	.	12.7	1.2	16
17	0.3	0.2	.	9.7	.	2.3	1.8	13.5	.	.	22.1	0.4	17
18	2.5	.	8.2	0.1	.	.		8.3	6.2	.	1.0	11.6	18
19	1.3	12.5	8.0	.	.	8.0	0.3	0.7	.	.	4.8	4.7	19
20	6.9	3.1	1.1	.	.	8.4	0.4	3.8	0.7	.	6.6	19.0	20
21	0.3	8.7	0.1	.	.		5.1	1.2	1.3	.	3.0	4.8	21
22	.	2.6	[illegible]	.	.	6.3	.	1.8	17.5	0.3	11.0	24.2	22
23	0.2	.	.	3.1	[illegible]	2.5	.	.	.	26.7	1.2	2.3	23
24	0.7	.	.	1.3	3.5	0.8	.	3.4	13.7	3.1	8.6	20.6	24
25	7.8	0.2	.	8.7	.	0.3	.	13.4	9.6	.	7.3	.	25
26	11.5	.	20.5	7.1	.	3.5	.	24.0	4.1	.	0.4	10.9	26
27	0.7	2.1	0.1	3.1	.	.	.	1.1	.	.	0.1	0.4	27
28	.	.	-	.	.	1.6	.	14.5	.	.	.	9.8	28
29	1.0	X	-	0.1	.	0.3	.	2.8	0.2	7.6	.	6.0	29
30	0.3	X	4.8	7.6	.	1.1	.	.	.	2.3	5.9	7.0	30
31	.	X	0.5	X	.	X	16.3	.	X		X	1.0	31
TOTAL	133.7	33.2	141.7	78.2	52.7	45.9	48.4	107.8	86.3	61.9	92.5	169.5	YEAR'S TOTAL 1046.8
Days with 0·2 mm. or more	20	~~12~~ 11	~~18~~ 15	~~19~~ 17	11	16	10	18	17	10	~~14~~ 15	25	~~203~~
	19	7	13	15	10	13	8	15	9	7	13	23	191

29 152

(44,284). Wt.21,958—218. 500. 10/19. Gp.132. A.&E.W.

2757

2978

9 MAR 20

FORM A.2. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Stonyhurst [M.O]

in the County of Lancashire

by Rev. W. Sidgreaves, S.J.

Lat. 53° 50′ N Long. 2° 28′ W

Time of Observation 10h G.M.T.

Nearest Railway Station

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 10 in.

" " " " Sea Level 377 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	11.2	0.2	-	-	18.0	-	4.3	7.1	10.7	8.0		2.1	1
2	5.8	0.1	1.1	-	3.1	-	2.0	0.4	16.3	0.2	-	9.1	2
3	20.4	0.7	-	-	6.4	3.4	13.2	0.2	0.5	-	-	3.5	3
4	4.6	-	7.8	-	1.3	-	-	3.3	0.3	-	-	3.5	4
5	1.7	-	-	2.1	4.5	-	-	-	0.3	-	0.5	6.4	5
6	3.5	-	25.2	-	11.4	-	-	-	3.8	0.2	-	3.5	6
7	1.5	-	6.5	2.2	0.2	-	-	-	0.4	-	1.6	-	7
8	3.3	-	0.2	~~0.1~~	-	1.3	-	-	-	-	0.1	-	8
9	18.0	-	2.5	1.3	1.2	2.8	-	-	-	-	-	3.6	9
10	-	-	35.0	6.5	1.8	-	-	-	-	3.1	-	-	10
11	0.5	-	18.3	6.3	1.3	-	2.7	-	0.3	2.3	-	-	11
12	-	-	1.8	0.2	-	1.3	-	-	0.4	5.5	0.1	-	12
13	6.8	-	-	7.1	-	-	2.3	3.2	-	9.9	-	4.1	13
14	3.8	-	-	6.6	-	-	-	-	-	3.4	-	1.4	14
15	5.6	1.3	-	0.8	-	-	-	2.1	-	-	-	8.4	15
16	3.5	1.5	-	4.3	-	2.0	-	-	-	-	10.3	1.2	16
17	0.3	0.2	-	9.7	-	2.3	1.8	13.5	-	-	6.7	0.4	17
18	2.5	-	8.2	0.1	-	-	-	8.3	6.2	-	0.7	11.6	18
19	1.3	12.5	8.0	-	-	8.0	0.3	0.7	-	-	2.9	4.7	19
20	6.9	3.1	1.1	-	-	8.4	0.4	3.8	0.7	-	4.2	19.0	20
21	0.3	8.7	0.1	-	-	-	5.1	1.2	1.3	-	1.4	4.8	21
22	-	2.6	0.1	-	-	6.3	-	1.8	17.5	-	-	24.2	22
23	0.2	-	-	3.1	-	2.5	-	-	-	32.7	-	2.3	23
24	0.7	-	-	1.3	3.5	0.8	-	1.4	13.7	3.8	5.1	20.6	24
25	7.8	0.2	-	8.7	-	0.3	-	13.4	9.6	-	3.5	-	25
26	16.5	-	20.5	7.1	-	3.5	-	24.0	4.1	-	0.2	10.9	26
27	0.7	2.1	0.1	3.1	-	-	-	1.1	-	-	0.2	0.4	27
28	-	-	-	-	-	1.6	-	14.5	-	-	-	9.8	28
29	1.0		-	0.1	-	0.3	-	2.8	0.2	2.6	3.3	6.0	29
30	0.3	✕	4.8	7.6	-	1.1	-	-	-	0.7	4.1	7.0	30
31	-	✕	0.5	✕	-	✕	16.3	-	✕		✕	1.0	31
TOTAL	133.7 ✓	33.2 ✓	141.8 ✓	78.2 ✓	52.7 ✓	45.9 ✓	48.4 ✓	102.8 ✓	86.3 ✓	72.4	54.9	169.5 ✓	YEAR'S TOTAL 1019.8 ✓
Days with 0·2 mm. or more	26 ✓	11 ✓	15 ✓	17 ✓	11 ✓	16 ✓	10 ✓	18 ✓	17 ✓	12	15	25 ✓	193 ✓

See letter + other return

(44,284). Wt.21,958—218. 500. 10/19. Gp.132. A.&E.W.

Copied from 3202

Encd A.W.B

26263

FORM A. 2. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Stonyhurst (M.O)

in the County of Lancaster

by The Rector

Lat. 53° 50′ N Long. 2° 28′ W

Time of Observation 9h G.M.T.

Nearest Railway Station

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 10 in.

" " " " Sea Level 377 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	0.7	-	2.8	3.5	9.4	0.2	8.3	2.3	2.5	1.5	-	2.1	1
2	-	-	-	1.4	1.0	-	2.8	2.0	10.4	4.1	-	4.9	2
3	-	2.8	7.1	1.0	1.8	0.1	5.8	1.0	15.4	6.5	-	4.5	3
4	-	-	-	2.4	1.8	-	3.3	18.1	1.5	5.1	-	0.4	4
5	-	-	0.5	1.0	25.8	-	2.8	6.1	7.3	4.9	1.6	-	5
6	-	-	10.6	-	7.0	-	0.5	-	-	-	2.3	0.4	6
7	7.6	3.1	4.5	6.4	1.1	-	10.4	-	1.0	-	3.8	-	7
8	2.7	-	-	3.7	5.0	-	2.6	6.0	-	-	1.0	-	8
9	14.0	39.3	2.3	18.5	-	-	2.7	2.0	1.2	-	1.5	1.4	9
10	24.2	4.3	1.8	2.4	-	-	9.9	-	-	-	-	0.4	10
11	1.5	-	1.5	0.2	9.0	6.3	0.1	-	-	-	-	0.3	11
12	6.9	12.0	5.4	6.1	1.4	2.5	11.2	-	0.8	-	6.8	1.1	12
13	6.4	3.1	2.0	1.8	1.3	11.4	2.0	-	-	-	11.2	1.4	13
14	0.7	4.5	3.0	4.1	-	11.4	1.8	-	5.8	7.6	18.8	-	14
15	0.5	4.1	0.5	12.1	-	-	-	-	-	1.8	2.0	-	15
16	-	-	3.3	2.5	4.5	-	15.8	-	3.5	-	6.6	-	16
17	2.5	-	2.1	-	5.5	-	2.0	10.4	10.0	-	1.4	-	17
18	10.2	-	-	0.7	25.1	-	-	1.3	2.5	-	-	-	18
19	1.8	14.8	-	1.5	8.1	4.3	5.3	0.7	-	-	-	-	19
20	8.6	-	-	5.3	-	0.2	3.3	-	3.8	-	-	1.7	20
21	4.8	-	-	1.4	-	1.8	11.4	0.6	-	-	-	5.8	21
22	-	-	-	3.8	-	-	14.5	-	-	-	-	4.0	22
23	-	-	2.3	7.6	-	-	3.5	-	-	-	-	5.4	23
24	1.0	-	20.0	1.8	-	1.0	3.0	-	-	-	-	12.0	24
25	-	3.5	2.5	10.1	-	2.0	16.7	-	0.1	-	-	0.4	25
26	4.2	3.3	19.8	16.5	-	-	1.5	-	-	-	-	1.0	26
27	2.3	-	1.3	-	6.1	13.9	0.5	-	-	-	3.8	-	27
28	6.4	2.8	7.2	19.0	4.6	2.5	1.8	-	-	-	1.0	9.8	28
29	2.6	1.1	5.6	0.7	36.6	0.1	15.2	-	-	-	3.5	11.5	29
30	8.6		1.0	0.5	2.1	6.8	-	-	8.2	-	2.9	6.6	30
31	6.1		0.2		8.4		2.3	5.0		0.2		2.0	31 45.82
TOTAL	124.3	98.7	107.3	136.0	165.6	64.5	161.0	55.5	74.0	31.7	68.2	77.1	YEAR'S TOTAL 1163.9
Days with 0·2 mm. or more	22	13	23	27	20	13	27	12	14	8	15	21	91
	19	13	20	23	20	11	25	10	13	7	15	16	192

(44,284). Wt.21,958—218. 500. 10/19. Gp.132. A.&E.W.

Copied from M 3202.

2643

Form A. 2. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

JAN 1921

REGISTER OF RAINFALL IN 1920.

Kept at Stonyhurst College Observatory
in the County of Lancashire
by Revd. A. L. Cortie S.J.

Lat. 53°50'40" Long. 2°28'
Time of Observation 10. a.m. G.M.T.
Nearest Railway Station Whalley L&Y.
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 10 in.
" " " " Sea Level 377 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	~~May~~	~~June~~	July	August	~~Sept.~~	Oct.	Nov.	Dec.	*Date*
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	0.7	0.0	2.8	3.5	9.4	0.2	8.3	2.3	2.5	1.5	0.0	2.1	1
2	0.0	0.0	0.0	1.4	1.0	0.0	2.8	2.0	6.4	4.1	0.0	4.9	2
3	0.0	2.8	7.1	1.0	1.8	0.1	5.8	1.0	15.4	6.5	0.0	4.5	3
4	0.0	0.0	0.0	2.4	1.8	0.0	3.3	18.1	1.5	5.1	0.0	0.4	4
5	0.0	0.0	0.5	1.0	25.8	0.0	2.8	6.1	7.3	4.9	1.6	0.0	5
6	0.0	0.0	10.6	0.0	7.0	0.0	0.5	0.0	0.0	0.0	2.3	0.4	6
7	7.6	3.1	4.5	6.4	1.1	0.0	6.4	0.0	1.0	0.0	3.8	0.0	7
8	2.7	0.0	0.0	3.7	5.0	0.0	2.6	6.0	0.0	0.0	1.0	0.0	8
9	14.0	39.3	2.3	18.5	0.0	0.0	2.7	2.0	1.2	0.0	1.5	1.4	9
10	24.2	4.3	1.8	2.4	0.0	0.0	9.9	0.0	0.0	0.0	0.0	0.4	10
11	1.5	0.0	1.5	0.2	9.0	6.3	0.1	0.0	0.0	0.0	0.0	0.3	11
12	6.9	12.0	5.4	6.1	1.4	2.5	11.2	0.0	0.8	0.0	6.8	1.1	12
13	6.4	3.1	2.0	1.8	1.3	11.4	2.0	0.0	0.0	0.0	11.2	1.4	13
14	0.7	4.5	3.0	4.1	0.0	11.4	1.8	0.0	5.8	7.6	18.8	0.0	14
15	0.5	4.1	0.5	12.1	0.0	0.0	0.0	0.0	0.0	1.8	2.0	0.0	15
16	0.0	0.0	3.3	2.5	4.5	0.0	15.8	0.0	3.5	0.0	6.6	0.0	16
17	2.5	0.0	2.1	0.0	5.5	0.0	2.0	10.4	10.0	0.0	1.4	0.0	17
18	10.2	0.0	0.0	0.7	25.1	0.0	0.0	1.3	7.5	0.0	0.0	0.0	18
19	1.8	14.8	0.0	1.5	8.1	4.3	5.3	0.7	0.0	0.0	0.0	0.0	19
20	8.6	0.0	0.0	5.3	0.0	0.2	3.3	0.0	3.8	0.0	0.0	1.7	20
21	4.8	0.0	0.0	1.4	0.0	1.8	11.4	0.6	0.0	0.0	0.0	5.8	21
22	0.0	0.0	0.0	3.8	0.0	0.0	14.5	0.0	0.0	0.0	0.0	4.0	22
23	0.0	0.0	2.3	7.6	0.0	0.0	3.5	0.0	0.0	0.0	0.0	5.4	23
24	1.0	0.0	20.0	1.8	0.0	1.0	3.0	0.0	0.0	0.0	0.0	12.0	24
25	0.0	3.5	2.5	10.1	0.0	2.0	16.7	0.0	0.1	0.0	0.0	0.4	25
26	4.2	3.3	19.8	16.5	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.0	26
27	2.3	0.0	1.3	0.0	6.1	13.9	0.5	0.0	0.0	0.0	3.8	0.0	27
28	6.4	2.8	7.2	19.0	4.6	2.5	1.8	0.0	0.0	0.0	1.0	9.8	28
29	2.6	1.1	5.6	0.7	36.6	0.1	15.2	0.0	0.0	0.0	3.5	11.5	29
30	8.6	✕	1.0	0.5	2.1	6.8	0.0	0.0	8.2	0.0	2.9	6.6	30
31	6.1	✕	0.2	✕	8.4	✕	2.3	5.0	✕	0.2	✕	2.0	31
Total	124.3	98.7	107.3	136.0	165.6	64.5	161.0	55.5	74.0	31.7	68.2	77.1	Year's Total 1163.9
Days with 0·2 mm. or more	22	13	23	27	20	~~15~~ 13	~~28~~ 27	~~12~~ 12	~~15~~ 14	8	15	21	~~219~~ 215
Days with 1·0 mm. or more	19	13	20	23	20	11	25	10	13	7	15	16	192

(44.284). 10/19. (52.639). Wt.10,000—359. 1000. 7/20. Gp.132. A.&E.W.

✓ W.D. corr. 1.V.12

RE 11

LANCASHIRE

STOCKPORT – HEATON MERSEY.

1911 – 1920

FORM A2. BRITISH RAINFALL. 18 JAN 1912

Kept at Heaton

in the County of L

by W.B.Leigh

As before in. ove Ground ft. in.

" Sea Level ft.

n { Name
Distance Direction

IMPORTANT NOT and the result entered to the previous day. If an Ob universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following. (04)

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·19	—	·16	·04	·08	—	·21	—	—	—	·06	—	1
2	—	—	·30	—	·01	—	·01	·05	—	—	·18	—	2
3	·07	—	·11	—	·14	—	—	·01	—	·05	·05	·03	3
4	—	—	—	—	·22	—	—	·05	·01	—	·11	·02	4
5	—	—	·11	·02	·01	—	·03	·02	·20	—	·30	·03	5
6	·20	—	·03	·01	—	—	—	·55	—	·11	—	—	6
7	·38	—	—	·01	—	—	—	·25	—	·06	·30	·27	7
8	·01	—	—	·01	—	—	—	—	—	—	·07	·04	8
9	·15	—	·21	·01	—	—	·02	—	—	—	·01	·43	9
10	—	—	—	—	—	—	—	—	—	—	—	·01	10
11	·08	·04	·04	—	—	—	—	—	—	—	—	·34	11
12	·12	—	—	—	—	—	—	—	·06	—	·38	—	12
13	—	—	·28	—	—	—	—	—	1·30	—	·50	—	13
14	—	—	·03	—	·43	—	—	—	—	—	·17	·45	14
15	·04	·23	—	—	·17	—	—	—	—	—	·08	·11	15
16	—	·20	·05	·04	—	—	—	—	—	·01	·01	·26	16
17	—	·26	·05	·07	—	·05	·03	—	—	—	·10	·07	17
18	—	—	—	—	·01	·79	—	—	—	—	·20	·03	18
19	—	·25	—	—	—	·34	—	·02	—	—	·03	·06	19
20	—	·11	—	·05	—	·12	·06	—	·14	·09	·05	·03	20
21	—	·20	—	·19	—	·02	·11	·30	·08	·03	—	·38	21
22	—	·28	·08	—	—	—	·05	·05	—	·03	—	·10	22
23	·04	·03	—	·01	—	—	—	—	—	·47	·01	·13	23
24	—	·23	·07	—	·01	·22	—	—	·19	·08	—	·16	24
25	—	·05	·01	·18	—	1·42	—	·03	—	·25	—	·15	25
26	—	·15	—	·25	—	·04	·04	—	·44	·02	—	·23	26
27	—	—	—	·20	·04	·07	·04	—	—	·40	·09	·40	27
28	—	·10	·02	·31	—	—	—	·71	·83	—	·02	·08	28
29	—		—	·16	—	·14	—	·05	·08	—	—	·34	29
30	—		—	·35	—	·10	·01	·05	·38	·33	—	·16	30
31	—		—		·09		—	—		·39		—	31
Total	– ~~1·28~~ 1·09	·16 ~~2·13~~ 2·29	–·04 ~~1·55~~ 1·43	·08 1·91 1·95	– 1·21 1·13	·21 3·31 3·52	·61 ·40	2·14 2·14	3·71 3·71	·06 2·32 2·38	2·72 2·66	(–·04) 4·31 4·35	TOTAL for Year ~~27·20~~ 27·05
No. of Rain Days.	~~10~~ 9	~~13~~ 14	15	17	~~11~~ 10	~~11~~ 12	~~11~~ 10	13	11	14 15	~~20~~ 19	~~25~~ 26	171

W. 8,000, X. '11.

W.D. corr. 1.V.12

REGISTER OF RAINFALL IN 1911

FORM A2.
BRITISH RAINFALL.
18 JAN 1912

Kept at Heaton Mersey

in the County of Lancaster S4

by W.B. Leigh

RAIN GAUGE { Pattern As before
Diameter of top ..... in.
Height of top above Ground ..... ft. ..... in.
" " " Sea Level ..... ft.

Time of Observation

Nearest Railway Station { Name
Distance ..... Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. (04)

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·19	—	·16	·04	·08	—	·21	—	—	—	·06	—	1
2	—	—	·30	—	·01	—	·01	·05	—	—	·18	—	2
3	·07	—	·11	—	·14	—	—	·01	—	·05	·05	·03	3
4	—	—	—	—	·22	—	—	·05	·01	—	·11	·02	4
5	—	—	·11	·02	·01	—	·03	·02	·20	—	·30	·03	5
6	·20	—	·03	·01	—	—	—	·55	—	·11	—	—	6
7	·38	—	—	·01	—	—	—	·25	—	·06	·30	·27	7
8	·01	—	—	·01	—	—	—	—	—	—	·07	·04	8
9	·15	—	·21	·01	—	—	·02	—	—	—	·01	·43	9
10	—	—	—	—	—	—	—	—	—	—	—	·01	10
11	·08	·04	·04	—	—	—	—	—	—	—	—	·34	11
12	·12	—	—	—	—	—	—	—	·06	—	·38	—	12
13	—	—	·28	—	—	—	—	—	1·30	—	·50	—	13
14	—	—	·03	—	·43	—	—	—	—	—	·17	·45	14
15	·04	·23	—	—	·17	—	—	—	—	—	·08	·11	15
16	—	·20	·05	·04	—	—	—	—	—	·01	·01	·26	16
17	—	·26	·05	·07	—	·05	·03	—	—	—	·10	·07	17
18	—	—	—	—	·01	·79	—	—	—	—	·20	·03	18
19	—	·25	—	—	—	·34	—	·02	—	—	·03	·06	19
20	—	·11	—	·05	—	·12	·06	—	·14	·09	·05	·03	20
21	—	·20	—	·19	—	·02	·11	·30	·08	·03	—	·38	21
22	—	·28	·08	—	—	—	·05	·05	—	·03	—	·10	22
23	·04	·03	—	·01	—	—	—	—	—	·47	·01	·13	23
24	—	·23	·07	—	·01	·22	—	—	·19	·08	—	·16	24
25	—	·05	·01	·18	—	1·42	—	·03	—	·25	—	·15	25
26	—	·15	—	·25	—	·04	·04	—	·44	·02	—	·23	26
27	—	—	—	·20	·04	·07	·04	—	—	·40	·09	·40	27
28	—	·10	·02	·31	—	—	—	·71	·83	—	·02	·08	28
29	—	╳	—	·16	—	·14	—	·05	·08	—	—	·34	29
30	—	╳	—	·35	—	·10	·01	·05	·38	·33	—	·16	30
31	—	╳	—	╳	·09	╳	—	—	╳	·39	╳	—	31
	—	·16	·04	·08	—	·21	—	—	—	·06	—	(·04)	
Total	~~1·28~~	~~2·13~~	1·55	1·91	1·21	3·31	·61	2·14	3·71	2·32	2·72	4·31	TOTAL for Year 27·20
	1·09	2·29	1·43	1·95	1·13	3·52	·40	2·14	3·71	2·38	2·66	4·35	27·05
No. of Rain Days.	~~10~~ 9	~~13~~ 14	15	17	~~11~~ 10	~~11~~ 12	~~11~~ 10	13	11	~~14~~ 15	20 19	~~25~~ 26	171

W. 8,000, X. '11.

C X M L Cor. fwd. 15.V.13

FORM A2.
BRITISH RAINFALL.
23 JAN 1913

REGISTER OF RAINFALL IN 1912

Kept at Heaton Mersey

in the County of Lancaster S4

by W. B. Leigh

RAIN GAUGE Pattern
Diameter of top .... in.
Height of top above Ground .... ft. .... in.
" " " Sea Level .... ft.
Time of Observation
Nearest Railway Station Name
Distance .... Direction

No Change

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following. (—) estd.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·02	—	—	·22	—	·20	·01	·95	·25	—	—	·02	1
2	—	—	·10	—	—	·10	·28	·19	·23	—	—	·58	2
3	—	·02	·06	·10	·06	·13	·27	—	·05	—	—	·11	3
4	·23	—	—	—	·02	·12	—	·45	·24	—	·01	·06	4
5	·40	—	·32	·10	·04	·43	—	·23	·06	—	·45	—	5
6	·10	·05	—	—	·23	·23	—	·02	·10	·01	·03	·02	6
7	·22	·12	—	—	·08	·02	—	·14	—	—	—	—	7
8	—	·02	—	·01	·06	·02	—	·05	·42	—	—	—	8
9	·07	·12	·10	·06	·01	—	·12	·18	·29	—	·10	—	9
10	·17	·01	·17	·38	—	·01	—	·03	—	—	·08	·05	10
11	·14	—	—	—	—	·61	—	·07	—	—	·36	·01	11
12	·11	—	—	—	—	—	—	·07	—	—	—	·71	12
13	·10	·04	·15	—	—	·08	·01	—	—	—	—	·08	13
14	—	—	·02	—	—	—	—	·17	·02	·13	·01	·15	14
15	·05	—	·96	·01	—	·12	—	·63	·01	—	—	·23	15
16	·02	·10	·32	·02	·58	·25	—	·10	—	—	—	·11	16
17	·12	—	·15	—	·08	·03	—	·03	·01	·21	·02	·08	17
18	·01	·04	·19	—	·02	·58	—	·41	—	·02	·06	·19	18
19	·11	—	·19	—	—	·01	—	·04	—	·18	·04	·15	19
20	·03	·02	·14	—	—	·03	·20	·18	—	·03	·02	—	20
21	·08	—	·11	—	·18	·04	·03	·69	—	·49	·02	·03	21
22	—	—	·14	—	·21	—	·03	·09	—	·38	·01	·03	22
23	—	·15	—	—	·47	·26	·53	·50	—	—	—	·18	23
24	—	—	·18	—	—	—	·47	·96	—	—	·28	·02	24
25	·02	·03	·05	—	·05	·10	·03	·10	—	—	—	·11	25
26	—	·02	·06	—	—	·24	·11	—	—	—	·25	·11	26
27	—	·14	·13	—	—	·01	·39	·30	—	·40	·08	·18	27
28	—	·02	·22	—	·02	·25	·30	—	—	·61	·04	·06	28
29	—	·03	·01	—	—	·08	·38	·07	—	·16	·36	—	29
30	—	☒	·05	—	—	·05	·14	·05	·07	·03	—	·06	30
31	·03	☒	·14	☒	·25	☒	·16	—	☒	·10	☒	—	31
	—		·22		·20	·07	·95	·25			·02		
Total.	~~2·03~~	~~·93~~	~~3·96~~	~~·90~~	~~2·36~~	~~4·00~~	~~3·46~~	~~6·90~~	~~1·75~~	~~2·75~~	~~2·22~~	~~3·33~~	TOTAL for year 34·59
No. of Rain Days.	~~19~~ 18	16	24	~~8~~ 7	~~16~~ 17	25	17	26	~~12~~ 11	13	~~18~~ 19	~~24~~ 23	219
	2·01	·93	4·18	·68	2·56	3·81	4·40	6·20	1·50	2·75	2·24	3·31	34·57

W. 8,000, X. 11.

✓

REGISTER OF RAINFALL IN 1913

FORM A. BRITISH RAINFALL.
23 JAN 1914

Kept at Mersey Bank, Heaton Mersey
in the County of S Lancaster 4 E4 BR
by W B Leigh

Lat. As Long. previously given
Time of Observation
Nearest Railway Station
Diameter of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—	·03	—	·19	—	·01	—	—	—	—	—	·15	1
2	·02	·07	·10	·04	—	—	—	—	·03	—	·09	—	2
3	—	·04	·08	·03	—	·07	—	—	—	—	·04	·02	3
4	—	—	·21	—	·61	—	·01	—	—	·03	—	·48	4
5	·64	·29	·04	—	·02	—	·08	—	—	·05	—	·36	5
6	·18	·10	·06	—	·10	·28	—	—	—	·06	—	·02	6
7	—	·18	·07	—	·49	·05	·56	—	—	—	·01	·01	7
8	—	·09	·03	—	·11	·23	·05	—	—	·36	·10	·01	8
9	—	·04	·03	—	—	·09	—	·40	—	·01	·01	—	9
10	—	·30	·14	·04	·05	·33	·11	·03	—	—	·03	·21	10
11	—	·02	·05	·74	·06	—	·01	—	·08	—	·03	·01	11
12	·12	—	—	·18	—	·35	—	—	—	·06	·04	·03	12
13	·26	—	—	—	·07	—	—	—	·04	—	·34	·03	13
14	—	—	·45	·01	—	—	·10	·01	·06	—	·25	—	14
15	·05	—	·23	·04	—	—	·03	·06	—	·35	·37	·08	15
16	·03	—	·15	·45	—	—	—	·04	·05	—	·16	·11	16
17	—	—	·03	·07	—	·03	·01	—	—	—	·23	—	17
18	·02	—	—	·22	·12	—	·03	—	·12	—	·07	—	18
19	·02	—	·19	·17	·09	·01	·18	—	—	—	·18	—	19
20	·03	—	—	·02	—	·16	·02	—	·17	·16	·07	—	20
21	·06	—	·03	·03	·05	—	·03	—	·01	·16	·17	—	21
22	—	—	·20	—	·74	—	·05	·03	—	—	·18	—	22
23	·28	—	·69	—	—	·12	—	·95	·23	—	—	—	23
24	·07	—	·01	—	·20	·22	—	·15	·10	—	·07	·03	24
25	·25	—	—	·09	—	—	—	·10	—	—	·08	—	25
26	—	—	—	·04	—	—	—	—	·28	·02	—	·31	26
27	—	·10	·03	·50	—	·01	—	·01	·02	·03	—	·46	27
28	—	·06	—	·18	—	·01	—	—	—	·06	·03	·15	28
29	·18		·12	·32	·04	—	—	—	—	·01	·03	—	29
30	—		·11	·57	·05	—	—	·11	—	—	·04	—	30
31	·44		—		—		—	—		·28		—	31
Total	2·65	1·32	3·05	3·43	2·30	1·97	1·27	1·89	1·19	1·64	2·62	2·47	YEAR'S TOTAL 25·80
Rain Days.	16	12	22	20	15	15	14	11	12	14	~~21~~ 23	17	~~189~~ 191

W.7,000, XI. 13

WD written 16.IV.15

cnd pr WD 28.IV.15

REGISTER OF RAINFALL IN 1914

FORM A. BRITISH RAINFALL. 14 JAN 1915

Kept at Heaton Mersey

in the County of Lancaster 5 4

by W B Leigh

Lat. as before Long. no change

Time of Observation 8·30 am

Nearest Railway Station

Diameter of Rain Gauge as before in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. (—)

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	·17	·09	·06	—	—	—	·22	—	—	·06	·13	1
2	—	—	·11	—	—	·01	·39	·20	—	·01	—	·21	2
3	·06	—	—	—	—	—	·35	·95	—	·01	·05	·33	3
4	·13	—	·14	—	·21	—	·10	·15	—	·01	—	·44	4
5	·46	—	·35	·12	·18	—	—	·03	—	—	·18	·24	5
6	·13	—	·33	·11	·15	·02	·03	—	—	·02	·15	·09	6
7	—	—	·09	·20	·18	·01	·19	·02	—	—	·04	·02	7
8	·01	·02	·18	·03	·28	·19	·01	·06	—	—	—	·06	8
9	·34	—	—	·04	·29	·19	·07	·16	·18	—	—	—	9
10	·34	·02	·02	·19	·02	·42	—	·34	·01	—	·08	—	10
11	·09	·05	·06	·15	·05	·03	—	—	·13	—	·02	·01	11
12	—	·26	·25	·01	—	·37	—	—	·20	—	·73	·03	12
13	—	·09	·11	—	·10	—	·03	—	·68	—	·34	—	13
14	—	·07	·13	·04	·05	—	·05	—	·03	—	·62	·10	14
15	—	·01	·07	—	—	—	—	—	·03	—	·07	·28	15
16	·01	·06	·26	—	—	—	—	—	—	—	·05	—	16
17	·02	—	·07	—	—	—	1·06	—	·38	—	—	—	17
18	·02	·37	·18	—	—	·01	0·11	—	·46	—	—	·49	18
19	—	—	·14	—	—	·08	—	—	·31	·02	—	·26	19
20	—	·01	·03	—	—	—	·26	—	·08	—	·01	·25	20
21	—	·08	·05	—	—	—	—	·08	—	·05	—	—	21
22	—	·13	—	—	—	·03	·01	·01	—	·03	—	·02	22
23	—	·14	·01	·03	·12	·61	·05	·11	—	·07	—	—	23
24	—	—	·06	·12	·19	·12	·41	—	—	—	—	—	24
25	·06	·27	·48	·11	—	·06	·33	·69	—	—	·15	—	25
26	·05	·01	—	—	—	—	·19	·10	—	·67	·07	·20	26
27	—	—	·02	—	—	—	·09	·11	—	·23	·25	·06	27
28	·14	—	—	—	—	—	—	—	—	·13	·28	1·07	28
29	·07	X	·04	—	—	·02	·12	—	·02	·05	·08	·06	29
30	·03	X	·05	·29	·09	—	—	·04	—	·09	·06	·12	30
31	—	X	·03	X	—	X	—	·05	X	—	X	·16	31
Total	·17 ~~1·96~~ 2·13	·09 1·76 1·68	·06 3·35 3·32	— 1·50 1·44	— 1·91 1·91	— 2·17 2·17	·22 3·85 4·07	— 3·32 3·10	— 2·51 2·51	·06 1·39 1·45	·13 3·29 3·36	(—) 4·63 4·50	YEAR'S TOTAL 31·64
Rain Days.	~~16~~ 17	16	26	~~14~~ 13	13	15	~~19~~ 20	~~17~~ 16	12	~~13~~ 14	19	~~22~~ 21	202

W. 8,000. X. 14.

corrected for WD 12. 12. 16

3080 a

REGISTER OF RAINFALL IN 1915

FORM A. BRITISH RAINFALL.
15. JAN 1916

Kept at Heaton Mersey
in the County of Lancaster
by W. B. Leigh

Lat. Unchanged Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge ..... in.
Height of top of Gauge above Ground ..... ft. ..... in.
" " " " Sea Level ..... ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·21

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—	·22	·28	—	·05	—	·03	·01	·39	—	·01	—	1
2	·06	·18	·05	—	·43	—	·06	·40	·11	·01	—	·64	2
3	—	·28	·18	·18	—	·08	·10	·17	—	·03	—	—	3
4	·59	—	·05	·24	—	—	·16	·15	—	—	—	·23	4
5	·03	·03	—	—	·18	—	·49	—	—	—	—	·70	5
6	·07	·04	·16	—	—	·03	—	·02	—	—	—	·28	6
7	·27	·04	·02	·22	—	—	·44	·11	—	—	·03	·23	7
8	·23	·26	—	·17	—	—	·26	·39	—	—	—	·08	8
9	·57	·15	—	·15	—	—	—	·14	—	—	·15	—	9
10	—	·02	—	·02	—	—	·03	·01	—	—	·43	·21	10
11	·42	—	·10	·03	—	—	·04	·70	—	·02	·16	·02	11
12	·15	—	·10	·01	·35	—	·14	·40	—	—	·05	·20	12
13	·28	—	—	·17	·05	—	·01	·28	—	·47	·52	—	13
14	·17	·10	·03	—	—	—	—	—	—	—	—	·04	14
15	·09	—	·01	·07	—	—	·03	·07	·15	—	—	·35	15
16	·81	—	—	·01	—	—	—	·05	·01	—	·21	·06	16
17	—	·10	—	—	·30	—	·94	·42	—	·01	—	—	17
18	—	·12	·06	—	—	—	·01	—	—	—	—	—	18
19	·05	·26	·09	—	—	—	—	—	—	—	·02	—	19
20	·03	·06	·05	·02	·06	—	·09	—	—	—	—	—	20
21	·13	—	·02	—	—	—	·06	·01	—	—	—	·24	21
22	·23	·06	—	·10	—	—	·36	—	—	—	—	·19	22
23	·01	—	·07	·03	—	—	·04	—	—	—	—	·27	23
24	—	·01	·16	—	—	·08	·19	—	·02	·12	—	·04	24
25	—	—	·14	·04	—	—	—	—	·19	—	—	·17	25
26	—	—	—	—	—	1·65	—	—	·01	—	—	·17	26
27	—	·15	—	—	—	·11	·50	—	·05	—	—	·27	27
28	—	·08	—	—	—	—	·38	—	—	·28	—	·20	28
29	—	X	—	—	—	·11	·03	·45	—	·22	—	—	29
30	—	X	—	—	·05	·20	—	·02	—	—	·07	·02	30
31	·16	X	—	X	—	X	—	·02	X	—	X	—	31
Total	·22 ~~4·35~~ 4·57	·28 ~~2·16~~ 2·22	— ~~1·57~~ 1·29	·05 ~~1·46~~ 1·51	— ~~1·47~~ 1·42	·03 ~~2·26~~ 2·29	·01 ~~4·39~~ 4·37	·39 ~~3·53~~ 3·91	— ~~·93~~ ·54	·01 ~~1·16~~ 1·17	— ~~1·65~~ 1·64	·21 ~~4·61~~ 4·82	YEAR'S TOTAL ~~29·54~~ 29·75 ✓
Rain Days.	~~19~~ 20	18	~~17~~ 16	~~15~~ 16	~~8~~ 7	~~7~~ 8	22	19	~~8~~ 7	~~8~~ 9	~~10~~ 9	~~21~~ 22	~~172~~ 173 ✓

W. 8,000. X. 15.

ext of

3007

FORM A.
BRITISH RAINFALL.
~~18~~ 20 JAN 1917

REGISTER OF RAINFALL IN 1916

Kept at Heaton Mersey

in the County of Lancaster

by W B Leigh

Lat. as Long. before

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

" " " " Sea Level .... ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. All records entered to previous day.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·09	·03	·22	—	—	·02	·04	·02	·23	·20	—	—	1
2	·20	·24	—	—	—	·02	·05	—	·07	·12	·07	·03	2
3	—	·15	—	·02	·44	·61	·10	—	·01	·14	·06	—	3
4	·14	·29	—	—	·05	·68	—	—	—	·53	·15	—	4
5	·05	—	—	—	·34	·10	·18	—	—	·22	·21	·01	5
6	·54	·86	·07	—	·17	·02	·27	—	—	·17	·05	·40	6
7	·06	—	·06	—	·01	·23	·02	—	—	—	·38	·01	7
8	·01	·08	·02	—	·32	·37	—	—	—	—	·14	·04	8
9	·14	—	·01	—	—	·15	·12	—	·15	·01	·01	·01	9
10	—	·15	—	·10	—	·02	—	—	·15	—	—	·14	10
11	·06	·38	—	·52	·49	—	·38	—	·02	·12	—	—	11
12	·08	·08	·08	·08	—	—	—	·31	·01	·26	—	—	12
13	·06	·09	·04	·09	·31	—	—	·10	·04	·11	—	·15	13
14	·01	·20	—	·08	·01	—	·03	·42	·19	·08	—	—	14
15	—	·27	·20	·18	·01	—	·10	·18	—	·10	—	—	15
16	·03	·17	·52	·36	—	—	·06	—	·44	·10	—	—	16
17	·10	·29	—	·17	—	—	—	·14	·30	·11	·04	·16	17
18	—	·19	—	·30	—	—	—	·10	·08	—	—	—	18
19	·24	·03	·15	·18	·17	—	—	·01	—	—	—	·02	19
20	·19	—	·23	·19	·05	—	·04	—	—	—	—	—	20
21	·03	—	—	—	·01	·03	—	—	—	·09	—	·08	21
22	—	—	—	·01	—	—	—	·09	—	·01	·10	·35	22
23	·03	·07	·04	—	—	·78	—	·07	—	—	—	·10	23
24	—	·12	·01	—	—	·02	—	·07	—	·01	·45	·02	24
25	·01	·02	·09	—	—	·01	—	·15	—	—	·05	—	25
26	·03	·01	·04	—	—	—	—	·16	—	·21	·01	—	26
27	—	·05	·03	—	—	—	—	—	—	·03	—	·20	27
28	—	·04	·04	—	—	·24	—	—	—	·17	—	·53	28
29	—	·02	—	—	—	·39	—	—	—	·18	·01	—	29
30	—	✕	—	—	·02	·28	—	·06	—	·40	—	·25	30
31	—	✕	—	✕	·27	✕	—	—	✕	·19	✕	·01	31
Total	2·10	3·83	1·85	2·28	2·67	3·97	1·39	1·88	1·69	3·56	1·73	2·51	YEAR'S TOTAL 29·46
Rain Days.	20	23	17	13	15	17	12	14	12	23	14	18	198

W. 8,000, VIII. 16

2860

FORM A.
BRITISH RAINFALL.

19 [illegible] 1918

REGISTER OF RAINFALL IN 1917

Kept at Heaton Mersey

in the County of Lancaster

by W W Leigh

Lat. as before Long. as before

Time of Observation 9.0 am

Nearest Railway Station Heaton Mersey (Midland)

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level 218 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following. —

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·01	—	·03	·05	—	·59	—	·37	·21	—	·14	·18	1
2	·28	—	—	—	—	·10	—	·06	·02	·03	·02	·03	2
3	·01	·11	—	·02	—	·13	—	—	—	·48	·06	—	3
4	·12	·01	—	—	—	—	—	—	—	·28	—	—	4
5	·16	—	—	·10	—	—	—	·02	·04	·11	·10	·04	5
6	·08	—	—	—	—	·40	—	—	—	·25	·29	·09	6
7	·53	—	—	—	—	·12	—	—	—	·59	·03	·07	7
8	·35	—	—	·30	—	—	—	·36	—	·54	·42	·10	8
9	—	—	·01	·12	—	—	—	·05	—	·12	·29	—	9
10	·10	—	·21	·03	·20	—	—	·03	—	·05	—	—	10
11	·23	·01	—	·16	·01	—	—	·08	·05	·35	·02	—	11
12	·05	—	·03	·13	·44	—	—	·11	·31	·29	—	·08	12
13	·02	—	—	·06	·57	—	—	·02	—	·02	·03	·21	13
14	·04	—	·01	·06	·10	—	—	—	—	—	—	·10	14
15	—	—	—	·03	—	—	·38	·05	·02	·02	—	·12	15
16	—	·09	—	·13	—	—	—	·16	—	·01	·06	·21	16
17	—	·01	·21	·19	—	·06	·25	·48	·10	·10	—	·02	17
18	—	—	·02	·10	·21	—	·44	·07	·33	·03	—	—	18
19	—	·15	·16	—	·24	·09	—	·03	—	—	·04	—	19
20	—	·16	—	—	·12	·15	—	·09	·09	—	·38	—	20
21	—	·03	·05	—	·08	·06	—	·06	—	·01	·03	—	21
22	—	—	—	—	—	·01	—	·03	·14	·21	·10	—	22
23	—	·08	—	—	·04	·03	—	·24	·01	·25	—	·13	23
24	—	—	·01	—	—	·31	—	·08	—	·29	·18	·07	24
25	—	·07	·08	—	—	—	·02	·12	—	·03	·11	—	25
26	—	—	—	—	—	—	—	·69	·21	·08	·90	—	26
27	—	—	·03	—	·30	·23	·27	·19	—	—	·11	·03	27
28	—	·06	·16	—	—	—	—	·47	—	·08	·02	·01	28
29	—		—	—	·18	—	·16	·20	—	·34	—	·02	29
30	—		·20	—	—	—	—	·19	—	·02	·08	—	30
31	—		·17		—		—	·08		—		—	31
Total	1·98	·78	1·38	1·48	2·49	2·28	1·52	4·33	1·53	4·58	3·41	1·51	YEAR'S TOTAL 27·27
Rain Days.	13	11	15	14	12	13	6	26	12	25	21	17	185

W. 8,000, IX. 17.

98

FORM A.
BRITISH RAINFALL.

8 . 1 . 19

REGISTER OF RAINFALL IN 1918

Kept at Heaton Mersey

in the County of S Lancaster

by W. B. Leigh

Lat. Long.

Time of Observation Same as before

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—	·10	·01	·02	·04	—	—	—	·53	·11	·05	·06	1
2	—	·12	—	·11	—	—	—	·12	·40	—	—	·75	2
3	—	·02	—	—	·39	—	—	·05	—	·08	—	·01	3
4	·08	—	—	—	—	—	—	·10	·15	·51	·18	·27	4
5	—	—	—	·05	·44	·21	—	·92	·19	·22	—	—	5
6	·06	·94	—	·30	—	·22	—	·09	—	·20	—	·01	6
7	·02	·09	—	·04	·02	—	·01	—	·18	·27	·13	—	7
8	·05	·03	·08	—	—	—	·45	—	·36	·08	·05	·02	8
9	·23	·89	—	·01	—	·38	—	—	·56	·42	·04	·04	9
10	·05	·24	—	—	—	—	·37	—	·17	·09	·15	·04	10
11	·21	·21	·07	·06	·13	—	·04	—	·14	·18	—	·12	11
12	·07	·25	—	·25	·11	·01	·55	—	·16	—	—	·29	12
13	·01	—	—	—	·22	—	—	—	·34	·11	—	—	13
14	·32	—	—	—	·02	·17	·11	—	·36	·07	—	·27	14
15	·12	—	—	—	·02	·06	·53	—	1·03	—	—	·30	15
16	—	—	—	·09	—	·07	·10	·04	·15	·09	—	·26	16
17	·14	—	—	—	·01	·14	·09	·07	·29	·10	—	·18	17
18	·29	—	·03	—	—	·06	·46	·01	·38	—	—	·57	18
19	·07	·03	·29	·07	—	—	·29	·10	·26	·04	—	·35	19
20	·07	·39	—	·11	—	·15	·24	—	·14	—	—	—	20
21	·09	·17	—	—	·59	·20	·02	—	·33	—	—	—	21
22	·02	·02	—	—	·79	·06	·13	—	·07	—	—	·54	22
23	·06	—	—	—	·46	—	·26	—	·19	—	·02	·24	23
24	—	·05	—	—	—	—	·14	·24	·12	·03	·06	·21	24
25	—	—	—	—	·04	·05	·29	·41	·04	·03	·02	—	25
26	—	·04	—	—	—	—	·12	·11	·24	·02	·10	·07	26
27	—	·07	·08	—	—	·08	·01	·48	·44	—	·17	·38	27
28	—	·08	·52	—	—	—	—	—	·14	—	·29	·51	28
29	—		—	—	—	—	—	—	·04	—	—	·13	29
30	—		·13	—	—	—	—	·11	·04	—	·11	·21	30
31	—		·22		—		—	·34		—		—	31
Total	1·96	3·74	1·43	1·11	3·28	1·86	4·21	3·19	7·44	2·65	1·37	5·83	YEAR'S TOTAL 38·07
Rain Days.	18	18	9	11	14	14	19	15	28	18	13	24	201

W. 8,000, IX. 17.

W D L

2702

JAN 20

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1919.

Kept at Heaton Mersey

in the County of Lancaster

by W. B. Leigh

Lat. 53° 24' 43" Long. 2° 11' 40" W

Time of Observation 9.0 am

Nearest Railway Station Heaton Mersey (Mid)

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

" " " " Sea Level 218 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·35	—	·01	—	·57	—	·26	·05	·29	·35	·02	·11	1
2	·18	—	·64	—	—	—	·23	·01	·04	·04	—	·11	2
3	·88	—	—	·01	·05	·19	·12	—	·16	—	·06	·06	3
4	·28	·01	·32	—	·01	·10	·06	·37	·21	—	—	·14	4
5	·08	·01	—	·03	·04	—	—	·01	—	—	—	·40	5
6	nil	—	·32	—	·64	—	—	—	—	—	—	·22	6
7	·06	—	·30	—	—	—	—	—	—	—	·14	—	7
8	·06	—	·03	·02	—	·04	—	—	—	—	—	—	8
9	·09	—	·08	·04	—	—	—	—	—	—	·02	—	9
10	—	—	·60	·12	—	—	—	—	—	—	·04	·09	10
11	·03	—	·77	·09	·04	—	·07	—	—	·04	—	—	11
12	—	—	·40	·09	—	·09	·03	—	—	·08	·01	—	12
13	·17	·02	—	·05	—	·03	—	·05	·04	·34	—	·06	13
14	·36	—	—	·23	—	—	—	—	—	·08	—	—	14
15	·21	—	·02	·04	—	—	—	—	—	·03	—	·26	15
16	·18	·04	—	·09	—	·01	·02	—	—	—	·22	·01	16
17	·08	·01	—	·25	—	·27	—	·30	—	—	·78	·03	17
18	—	—	·19	—	—	—	·03	·43	·12	—	·03	·17	18
19	·02	·07	·14	—	—	·13	·62	·29	·10	—	·23	·10	19
20	·10	·08	·02	—	—	·21	·08	·11	·07	—	·14	·58	20
21	·02	·15	—	—	—	·03	·16	—	·04	—	·03	·36	21
22	—	·06	—	—	—	·03	·01	·07	·67	—	·13	1·05	22
23	—	—	—	—	—	·13	—	·02	—	·89	·03	·18	23
24	—	—	—	·08	·06	—	—	·02	·14	·20	·16	·25	24
25	·13	·02	—	·05	·19	·10	—	·37	—	—	·16	·04	25
26	·05	·01	·47	·02	—	·09	—	·50	·10	—	·03	·30	26
27	·20	—	·05	·40	—	·03	—	·05	—	—	—	—	27
28	—	—	·01	·03	—	·03	—	·40	—	—	—	·21	28
29	·03	X	·03	·03	—	(·03)	—	·09	—	·25	—	·12	29
30	—	X	·14	·27	—	·24	—	·07	—	·05	·12	·12	30
31	—	X	·04	X	—	X	·26	·01	X	—	X	·05	31
TOTAL	3·56	·48	4·58	1·94	1·60	1·78	1·95	3·22	1·98	2·35	2·35	5·02	YEAR'S TOTAL 30·80
Days with ·01 in. or more	21	11	20	19	8	18	13	19	12	11	18	24	194

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

2588

8 JAN 1921

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Mersey Bank Heaton Mersey
in the County of Lancaster
by W. B. Leigh

Lat. Unchanged Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—	·07	·13	·18	—	1·59	·05	·27	·03	—	·10	1
2	·02	—	·01	·11	·02	—	·25	—	·23	·24	—	·05	2
3	—	·11	—	·25	·06	·02	·45	·13	·17	·02	—	·06	3
4	—	—	—	·13	—	—	·15	·57	·06	·36	—	·09	4
5	·02	—	·06	·01	·67	—	·13	·21	·29	·29	—	·03	5
6	—	—	·76	·15	·17	—	·09	·03	·01	—	—	·02	6
7	·02	·02	·07	·03	—	—	·16	—	—	—	·01	—	7
8	·16	·11	—	·24	·09	—	·63	·07	—	—	—	—	8
9	·26	·45	—	·22	—	—	·10	·03	—	—	—	—	9
10	·47	·44	·02	·03	—	—	·50	—	—	—	—	—	10
11	·34	·08	—	—	·16	·07	—	—	·03	—	—	·03	11
12	·08	·04	·03	·06	·06	·10	·05	·09	—	—	·19	·07	12
13	·18	·09	·28	·15	—	·46	·02	—	—	—	·06	·01	13
14	·02	·05	·11	·10	—	·41	—	—	·70	·24	·29	—	14
15	—	·20	·03	·28	—	—	·03	—	·01	·02	·04	—	15
16	—	—	·06	·21	·08	·18	·39	—	·04	·02	·06	—	16
17	·01	—	·06	—	·14	—	·01	·22	·35	·01	—	—	17
18	·20	—	—	·16	·20	—	·46	·01	·10	—	—	—	18
19	·19	1·20	—	·05	·33	·22	—	·11	·04	—	—	—	19
20	·19	·01	—	·18	—	·09	·12	—	—	—	—	·01	20
21	·01	—	—	—	—	—	·42	·10	—	—	—	·09	21
22	·10	—	·01	·29	—	·04	·12	·02	—	—	—	·08	22
23	—	—	·02	·04	—	—	·31	·12	—	—	—	·32	23
24	·08	—	·32	·04	—	—	—	·01	—	—	—	·19	24
25	—	·06	·02	·09	—	·03	·79	·01	—	—	—	—	25
26	·11	·04	·35	·27	—	—	·37	—	—	—	—	·01	26
27	·05	·02	·01	·29	·70	·48	·05	—	—	—	·07	·11	27
28	·77	—	·27	·48	·27	·16	·09	—	—	—	—	·12	28
29	·08	—	·78	·02	·82	·02	·41	—	—	—	·09	·41	29
30	·17	X	—	·16	·06	·11	—	—	·23	—	·06	·16	30
31	·16	X	·01	X	·09	X	·02	—	X	·09	X	·09	31
TOTAL	3·69	2·92	3·35	4·17	4·10	2·39	7·71	1·78	2·53	1·32	·87	2·15	YEAR'S TOTAL 36·98
Days with ·01 in. or more	23	15	21	27	17	14	26	16	14	10	9	20	212
Days with ·04 in. or more	16	12	12	23	16	11	22	10	11	5	8	14	159

(44.283). 10/19. (52.638). Wt.10.000—359. 10.000. (2). 7/20. Gp.132. A.&E.W.

SMITHILLS

LANCASHIRE

1913 - 1917

FORM A.
BRITISH RAINFALL.

12 JAN 1914

REC

Kept at 72 Lonsda

Ry. Trinity

in the County of La

in.

by R. E. Pro

6 ft. — in.

vel 492 ft.

IMPORTANT NOT ult entered to the previous day. If an Ob le, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·100	·070	·115	·045	·005	–	–	–	·004	–	·050	·010	1
2	·010	·115	·184	·030	–	·134	–	–	–	–	·060	·105	2
3	·030	·075	·235	–	·615	–	·003	–	–	·021	·028	·400	3
4	·635	·215	·005	–	·002	·080	·078	–	–	–	·059	·415	4
5	·240	·030	·008	–	·004	·115	·186	–	–	·006	·051	·032	5
6	·065	·160	·140	–	·608	·180	·260	–	–	·068	·028	·040	6
7	–	·180	·140	–	·180	·260	·011	–	–	·401	·120	·070	7
8	·007	·160	·118	–	·012	·017	·004	·810	·032	·010	·042	·028	8
9	–	·235	·282	·200	·242	·666	·075	·280	–	–	·200	·375	9
10	–	·015	·245	·180	·018	–	·010	–	·130	·058	·079	·003	10
11	·770	–	·052	·575	·070	·132	–	–	–	·098	·133	·070	11
12	·150	–	–	·002	·005	–	·003	–	·150	·005	·399	·023	12
13	–	–	·690	·050	–	–	·105	·170	·148	·045	·360	–	13
14	·130	–	·180	·238	–	–	·031	·020	–	·505	·250	·380	14
15	·040	–	·240	·355	–	–	–	×	·100	·069	·365	·065	15
16	–	–	·011	·015	–	–	·011	×	–	·002	·245	–	16
17	–	–	·012	·210	·160	·043	·157		·160	·004	·155	–	17
18	·030	–	·230	·240	·075	·021	·120		·005	–	·350	–	18
19	·090	–	·070	·095	·080	·206	–		·185	·130	·178	–	19
20	·200	–	·100	·100	·050	·002	·010		·015	·260	·700	–	20
21	–	–	·158	·005	·155	–	·165	×	·004	–	·085	–	21
22	·790	–	·725	–	·100	·045	–	×	·210	–	–	·008	22
23	·420	–	·105	–	·506	·430	–	×	·268	·018	·220	·135	23
24	·480	·070	–	·138	·002	·430	–		·002	·009	·035	·105	24
25	–	·008	–	·085	–	–	–		·533	·038	·110	·240	25
26	–	·080	·010	·965	–	·080	–	×	·122	·009	–	·500	26
27	–	–	–	·550	–	·102	–		–	·213	·090	·138	27
28	·300	–	·165	·402	·053	·028	–	×	–	·040	·123	·003	28
29	·006		·270	·748	·076	–	–	2·050	–	·005	·095	·002	29
30	·575		·003	·002	·185	–	–	–	–	·392	·270	–	30
31	·040		·143		·345		–	–		·003		–	31
Total	5·108	1·413	4·636	5·170	3·548	2·971	1·229	3·330	2·088	2·409	4·883	3·147	YEAR'S TOTAL 39·932
Rain Days.	19 21	12 13	~~24~~ 25	~~19~~ 20	~~18~~ 19	17	13	11 ?	12	~~16~~ 20	28	18 19	~~206~~ 218

× Absent on Holidays from the 15th to 28th inclusive.

Total for period 2·050 taken at 9 A.M. on the 29th.

17

W.7,000, XI. 13

RE

FORM A. BRITISH RAINFALL

12 JAN 1914

Kept at 72 Lonsdale Rd, Smithills, Bolton.
in the County of Lancaster
by R. E. Proffitt

53

Lat. 53 35 N. Long. 2 27 W
Time of Observation 9 AM.
Nearest Railway Station L. & Y. Ry. Trinity St.
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 6 ft. — in.
" " " " Sea Level 492 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·100	·070	·115	·045	·005	—	—	—	·004	—	·050	·010	1
2	·010	·115	·184	·030	—	·134	—	—	—	—	·060	·105	2
3	·030	·075	·235	—	·615	—	·003	—	—	·021	·028	·400	3
4	·635	·215	·005	—	·002	·080	·078	—	—	—	·059	·415	4
5	·240	·030	·008	—	·004	·115	·186	—	—	·006	·051	·032	5
6	·065	·160	·140	—	·608	·180	·260	—	—	·068	·028	·040	6
7	—	·180	·140	—	·180	·260	·011	—	—	·401	·120	·070	7
8	·007	·160	·118	—	·012	·017	·004	·810	·032	·010	·042	·028	8
9	—	·235	·282	·200	·24[illegible]	·666	·075	·280	—	—	·200	·375	9
10	—	·015	·245	·180	·018	—	·010	—	·130	·058	·079	·003	10
11	·770	—	·052	·575	·070	·132	—	—	—	·098	·133	·070	11
12	·150	—	—	·002	·005	—	·003	—	·150	·005	·399	·023	12
13	—	—	·690	·050	—	—	·105	·170	·148	·045	·360	—	13
14	·130	—	·180	·238	—	—	·031	·020	—	·505	·250	·380	14
15	·040	—	·240	·355	—	—	—	×	·100	·069	·368	·065	15
16	—	—	·011	·015	—	—	·011	×	—	·002	·245	—	16
17	—	—	·012	·210	·160	·043	·157		·160	·004	·155	—	17
18	·030	—	·230	·240	·075	·021	·120		·005	—	·350	—	18
19	·090	—	·070	·095	·080	·206	—		·185	·130	·178	—	19
20	·200	—	·100	·100	·050	·002	·010		·015	·260	·700	—	20
21	—	—	·158	·005	·155	—	·165		·004	—	·085	—	21
22	·790	—	·725	—	·100	·045	—	×	·210	—	—	·008	22
23	·420	—	·105	—	·506	·430	—		·268	·018	·220	·135	23
24	·480	·070	—	·138	·002	·430	—		·002	·009	·035	·105	24
25	—	·008	—	·085	—	—	—		·533	·038	·110	·240	25
26	—	·080	·010	·965	—	·080	—	×	·122	·009	—	·500	26
27	—	—	—	·550	—	·102	—		—	·213	·090	·138	27
28	·300	—	·165	·402	·053	·028	—		—	·040	·123	·003	28
29	·006		·270	·748	·076	—	—	×* 2·050	—	·005	·095	·002	29
30	·575		·003	·002	·185	—	—	—	—	·392	·270	—	30
31	·040		·143		·345		—	—		·003		—	31
Total	5·108	1·413	4·636	5·170	3·548	2·971	1·229	3·330	2·088	2·409	4·883	3·147	YEAR'S TOTAL 39·932
Rain Days.	19 21	12 13	~~24~~ 25	~~19~~ 20	~~18~~ 19	17	13	11 ?	12	~~16~~ 20	28	18 19	~~206~~ 218

* Absent on Holidays from the 15th to 28th inclusive.
{Total for period} 2·050 taken at 9 AM on the 29th.

W.7,000, XI. 13

REGISTER OF RAINFALL IN 1914

FORM A. BRITISH RAINFALL.
9 JAN 1915

Kept at 72, Lonsdale Rd. Smithills, Bolton,
in the County of Lancaster. 5
by R. E. Proffitt

Lat. 53° 35′ N. Long. 2° 27′ W.
Time of Observation 9 A.M.
Nearest Railway Station Lanc. & Yorkshire (Trinity St.)
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 6 ft. 0 in.
" " " " Sea Level 492 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·002	–	·161	–	–	·052	·798	·592	–	·110	–	·310	1
2	·048	–	·004	·008	·065	–	·448	·456	–	·098	·230	·122	2
3	·087	–	·155	–	·572	–	·030	·290	–	·050	·002	·330	3
4	·375	–	·318	·378	·180	–	·058	·005	–	–	·290	·340	4
5	·160	–	·571	·138	·110	·075	·020	·007	–	–	·152	·160	5
6	–	·030	·157	·225	·375	·007	–	·065	–	–	·157	·020	6
7	·070	·011	·250	·030	·378	·010	·030	·118	–	–	·031	·160	7
8	1·013	–	·027	·009	·330	·065	·130	·430	·100	·022	–	·080	8
9	·430	·230	·040	·125	·070	·358	–	·290	·056	–	·170	·008	9
10	·038	·092	·070	·048	·125	·052	–	–	·250	–	·065	·002	10
11	–	·150	·605	·008	·095	·105	·020	–	·478	–	1·130	·242	11
12	–	·251	·150	–	·260	–	·035	–	1·205	–	·720	·040	12
13	–	·151	·155	·027	·030	–	·112	–	·250	·091	·605	·210	13
14	–	·126	·148	–	–	–	–		·065	·025	·115	·318	14
15	–	·015	·430	–	–	–	–		·240	–	·463	·003	15
16	–	·025	·105	–	–	–	1·086		·850	–	–	·008	16
17	·010	·420	·222	–	–	–	·320		·678	–	–	1·020	17
18	–	·022	·060	–	–	·002	–		·290	·008	–	·098	18
19	–	·030	–	–	–	–	·218		·251	–	·023	·425	19
20	–	·070	·081	–	–	·046	–		–	·030	–	·008	20
21	–	·108	·005	–	–	·210	·009		–	·065	–	·030	21
22	–	·170	–	·044	·050	·605	·072		–	·018	–	–	22
23	–	·048	·190	·185	·110	·156	·366		–	·005	·050	·020	23
24	·011	–	·435	·240	·010	·057	·750		–	–	·253	–	24
25	·065	·013	·003	–	–	–	·503		–	1·065	·113	·570	25
26	·013	–	·003	–	–	–	·125		–	·330	·392	·300	26
27	·225	–	–	–	–	–	–		–	·675	·372	1·060	27
28	·102	·203	·240	–	·070	·120	–	1·020	·083	·125	·281	·160	28
29	·110		·248	–	·075	·008	–	·030	–	·022	·115	·110	29
30	·004	✕	·128	–	·005	–	–	·102	–	·002	·191	·130	30
31	·392	✕	·185	✕	·018	✕	·790		✕	·153	✕	·009	31
Total	3·153	2·165	5·140	1·465	2·928	1·928	5·920	3·405	4·796	2·894	5·920	6·513	YEAR'S TOTAL 46·229
Rain Days.	16	19	24	10	18	13	19	13.	13	13	21.	23.	204.
			25	13		15	20			16		27	216

*Total 1·020 for Period Aug 14th–28th
On Holidays.

W. 8,000. X. 14.

3037

FORM A.
BRITISH RAINFALL

REGISTER OF RAINFALL IN 1915

Kept at 72, Lonsdale Rd., Smithills, Bolton
in the County of Lancaster,
by Ralph Edward Proffitt

Lat. 53°35'N. Long. 2°27'W.
Time of Observation 9. A.M.
Nearest Railway Station L & Yorkshire, Trinity St Bolton
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 6 ft. 0 in.
" " " " Sea Level 492 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·176	·380	·065	-	·310	-	·164	·090	·120	·020	-	·050	1
2	·010	·460	·550	·300	-	·076	·400	·280	-	·050	-	-	2
3	·603	·045	·135	·580	-	-	·455	·600	-	-	-	·560	3
4	·040	·330	·005	-	·285	·086	·400	-	-	-	-	·640	4
5	·186	·310	·380	-	·046	·012	-	·020	-	-	-	1·090	5
6	·264	·080	·032	·350	-	-	·385	·120	-	-	·030	·600	6
7	·820	·710	-	·070	-	-	·290	·553	-	-	-	·150	7
8	·132	·030	-	·075	-	-	·005	·200	-	-	·380	-	8
9	-	·090	-	·022	-	-	·070	·031	-	-	·400	·605	9
10	·780	-	·330	·058	-	-	·052	·510	-	·010	·240	·200	10
11	·270	-	·061	-	·650	-	·160	·520	-	-	·065	·400	11
12	·470	-	·008	·100	·095	-	·070	·470	-	·495	·350	-	12
13	·280	·030	·017	·012	-	-	·060		-	-	-	·090	13
14	·170	-	-	·200	-	-	·080	Away on Holidays Total for Period 1·300.	·250	·030	-	·230	14
15	1·005	-	-	·008	-	-	-		·020	-	·310	·430	15
16	-	·330	·070	·030	·180	-	·805		·005	-	-	·010	16
17	-	·220	·070	-	-	-	-		-	-	-	·060	17
18	·080	·330	·135	-	-	-	-		-	·008	-	-	18
19	·055	·160	·135	·120	·185	-	·280		-	-	-	-	19
20	·287	·041	·063	·010	·120	-	·080		-	-	-	·870	20
21	·252	·060	-	·110	-	-	·180		-	-	-	·355	21
22	·003	-	·085	·015	-	·090	·030		-	·005	-	·390	22
23	-	·022	·140	·005	-	·055	-		·040	·625	·010	·225	23
24	-	-	·120	·050	-	-	-		·300	·210	-	·580	24
25	-	-	-	-	-	1·360	-		·290	-	-	·410	25
26	·008	·383	-	-	-	·230	·260		·053	-	-	·447	26
27	-	·180	-	-	-	-	·292	1·300	-	·680	-	·440	27
28	-	·380	-	-	·025	·680	·011	·512	-	·210	-	·018	28
29	-	X	-	-	·010	·105	-	·020	-	-	·140	·170	29
30	·310	X	-	-	-	·016	-	·070	-	·032	·005	·005	30
31	·190	X	-	X	-	X	·030	·890	X	·062	X	·400	31
Total	6·391	4·571	2·401	2·115	1·906	2·710	4·559	6·186	1·078	2·437	1·930	9·425	YEAR'S TOTAL 45·709
Rain Days.	20 21	20	16 18	16 17	10	10	21 22	22.	7.	11 13	9	25 26	187. 195

W. 8,000. X. 15.

2950

FORM A.
BRITISH RAINFALL

REGISTER OF RAINFALL IN 1916

Exd TW

Kept at 72, Lonsdale Rd, Smithills, Bolton.
in the County of Lancaster.
by R. E. Proffitt.
Please address communications to 575, Chorley Old Rd, Smithills Bolton.

Lat. 53° 35′ N. Long. 2° 27′ W.
Time of Observation 9 A.M.
Nearest Railway Station L & Y R Trinity St Bolton
Diameter of Funnel of Rain Gauge 5 in.
*Height of top of Gauge above Ground {6 ft. – in. 1 ft from Sep 21st
" " " " Sea Level 492 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. (*Gauge removed on Sep 21st 30 yds due North from former position

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·162	·070	·150	–	–	·220	·455	·020	–	–	·180		1
2	·345	·180	·030	–	–	·060	·030	–	·350	·250	·070	·030	2
3	–	·030	–	·018	–	·040	·270	–	·770	·240	·240		3
4	·113	·260	–	–	·383	1·330	·040	–	·090	·900	·295		4
5	·190	·370	–	–	·140	·430	–	–	–	·960	·410		5
6	1·140	·450	·025	–	·540	·195	·260	–	–	·170	·370	x	6
7	·035	·080	·020	–	·080	·055	·470	–	–	·442	·055	x	7
8	·018	·055	·040	–	·010	·505	–	–	–	·160	·360	x	8
9	·210	·012	–	–	·120	·220	·030	–	·090	–	·190	·655	9
10	–	·200	–	·225	–	·020	·073	–	–	·060	·010		10
11	·132	·485	·020	·840	–	·032	·050	–	·310	–	·003		11
12	·270	·220	·040	·150	·400	–	·600	·092	·085	·120	·003	·140	12
13	–	·130	·085	·150	·010	–	–	·850	·007	1·510	–	·072	13
14	·040	·210	–	·195	·750	–	–	·260	·120	·095	–		14
15	–	·350	·260	·070	·010	–	·065	·640	·502	·030	–		15
16	·055	·400	·340	·608	–	–	·080	·300	·008	·140	–		16
17	·180	·290	–	·630	–	–	·030	·010	1·050	·155	–		17
18	·008	·460	–	·640	–	–	·008		·440	·205	·060	·350	18
19	·250	–	·175	·203	–	–	–		·012	–	·010		19
20	·305	–	·255	·440	–	–	–		–	–	·062	·040	20
21	·050	–	–	·030	·090	–	·530		–	–	·030		21
22	–	–	–	–	·010	–	–		–	·250	·010	x	22
23	·048	–	·100	·055	–	·130	–		–	·012	·270	x	23
24	–	·080	–	–	–	–	–		–	·030	–	x	24
25	·103	·100	·260	–	·100	·030	·110		–	·020	·390	·555 x	25
26	·100	·030	·130	–	–	·030	–		–	·035	·025		26
27	–	·080	·010	–	·007	·175	–		·045	·500	–		27
28	·007	·080	–	–	–	·080	–		–	·950	·050	x	28
29	–	·050	–	–	–	·215	–		–	·265	·010	·960 x	29
30	·013	X	–	–	–	·057	·023		–	·465	–		30
31	–	X	–	X	·065	X	·025	1·540	X	·092	X	·330	31
Total	3·774	4·672	1·940	4·254	2·717	3·824	3·169	3·712	3·829	8·056	3·103	3·132	YEAR'S TOTAL 46·182
Rain Days.	~~20~~ 22	24	16	14.	~~14~~ 15	18	~~17~~ 18	14.	~~12~~ 14	25	20.	(16)	(215)

Total for period 1·540
Away on Holiday Aug 18th to Sep 1st

December not taken daily owing to change of address.

W. 8,000, VIII. 16

2805

FORM A.

BRITISH RAINFALL

21 JAN. [illegible]

REGISTER OF RAINFALL IN 1917

Kept at Smithills, Bolton

in the County of Lancaster

by R. E. Proffitt
575, Chorley Old Rd. Bolton

Lat. 53° 35' N. Long. 2° 29' W.
Time of Observation 9 A.M. (Not Daily)
Nearest Railway Station Trinity St, Bolton L & YR
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " Sea Level 492 ft.

IMPORTANT NOTE.—Rain ~~should be~~ measured ~~daily~~ at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

at different periods owing to not residing in close proximity to gauge the month's total however taken on the 1st of each month

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·02					·400					·240	·080	1
2	·72												2
3	·01					·330							3
4	·36									1·440			4
5	·45									·275	·470		5
6									·620			·310	6
7						·290				·940			7
8	1·00					·080		·580	·400	1·610			8
9								·175			1·530		9
10								·195					10
11										·760			11
12	·910				·760			·350		·450			12
13					·010			·140	·700				13
14					·050			·04				1·200	14
15							1·220	·045					15
16			·98								·280		16
17								1·750	·130	·610			17
18					·150		1·130	·530	·210				18
19	·06				·490	·180							19
20				1·950	·200	·530		·240					20
21					·250			·270					21
22						·040		·160					22
23						·250		·140	·320		1·640		23
24													24
25					·095					1·910			25
26						·090							26
27					·380	·150	·390		·560		2·220		27
28												1·150	28
29													29
30		X	1·600				·040	3·250			·180		30
31		X	·250	X	·040	X	·010		X	1·140	X		31
Total	3·530	1·600	2·830	1·950	2·425	2·360	2·790	7·855	2·940	9·135	6·560	2·740	YEAR'S TOTAL 46·715
Rain Days.													

W. 8,000, IX. 17.

SOUTHPORT
FOREST RD.
LANCASHIRE
1914 - 1919

FORM A.
BRITISH RAINFALL.
2 - JAN 1915

REC

Kept at 51 Forest Ro

in the County of L

by J. H

kes Southp

in.

nd 1 ft. 6 in.

Level 25 ft.

IMPORTANT N result entered to the previous day. If an rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	-	.01	.11	-	-	.04	.70	.14	-	-	-	.22	1
2	-	-	.01	-	.06	-	.36	.16	-	.02	.10	.26	2
3	.04	-	.03	-	.37	-	.03	.01	-	-	.01	.85	3
4	.03	-	.09	.40	.10	.02	.06	-	-	-	.27	.31	4
5	.08	-	.45	.13	.07	-	.05	-	-	-	.12	.11	5
6	-	-	.02	.09	.15	.04	.07	.05	-	-	.68	.05	6
7	.07	-	.18	.02	.13	-	.05	.12	-	-	.04	.10	7
8	.50	-	.12	-	.17	.11	.21	.52	.12	.08	.01	.02	8
9	.40	.20	.07	.05	.06	.45	-	.11	.41	.01	.13	.01	9
10	.02	.06	.06	-	.01	.03	-	-	.22	-	.11	-	10
11	-	.08	.31	-	.02	-	.08	-	.16	-	.28	.26	11
12	-	.24	.10	-	.06	-	.33	-	.47	-	.17	.03	12
13	-	.18	.19	.02	.01	-	.03	-	.12	.18	.28	.08	13
14	-	.08	.03	-	-	-	-	-	-	.01	.18	.21	14
15	-	-	.29	-	-	-	-	-	.15	-	.13	.01	15
16	-	-	.01	-	-	-	1.19	-	1.00	-	-	.02	16
17	-	.30	.24	-	-	-	.23	-	.76	-	-	.52	17
18	-	.02	.10	-	-	-	.02	-	.07	-	.01	.09	18
19	-	-	.12	-	-	-	.22	-	.10	-	-	.33	19
20	-	.27	.05	-	-	.36	-	-	-	-	-	.03	20
21	-	.17	-	-	-	.09	-	-	-	.04	-	.09	21
22	-	.27	-	.02	.36	.08	-	.02	-	-	-	-	22
23	-	.01	.07	.02	.49	-	.24	-	-	-	.01	-	23
24	.02	.01	.41	.03	-	-	.18	.03	-	-	.27	-	24
25	.05	-	-	-	-	-	.04	.32	-	.85	.07	.50	25
26	.01	-	.01	-	-	-	.04	-	-	.42	.28	.22	26
27	.08	-	-	-	-	-	-	-	.01	.43	.35	.53	27
28	.06	.10	.23	-	.09	-	-	-	-	.27	.12	.10	28
29	.06		.04	-	.10	-	.06	.01	-	.01	.03	.03	29
30	-	✕	.08	-	-	-	-	.03	-	-	.23	.11	30
31	.10	✕	.06	✕	.01	✕	.49	-	✕	.09	✕	.01	31
Total	1.52	2.00	3.48	.78	2.26	1.22	4.68	1.52	3.59	2.41	3.88	5.10	YEAR'S TOTAL 32.44 ✓
Rain Days.	14	15	27	9	17	9	21	12	12	12	23	27	198 ✓

W. 8,000. X. 14.

REGISTER OF RAINFALL IN 1914.

FORM A.
BRITISH RAINFALL.
2 - JAN 1915

Kept at 51 Forest Road, Southport

in the County of Lancaster C 3

by I. H. Bonny

Lat.

Long.

Time of Observation 9. 0 am

Nearest Railway Station St Lukes Southport

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 25 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	–	.01	.11	–	–	.04	.70	.14	–	–	–	.22	1
2	–	–	.01	–	.06	–	.36	.16	–	.02	.10	.26	2
3	.04	–	.03	–	.37	–	.03	.01	–	–	.01	.85	3
4	.03	–	.09	.40	.10	.02	.06	–	–	–	.27	.31	4
5	.08	–	.45	.13	.07	–	.05	–	–	–	.12	.11	5
6	–	–	.02	.09	.15	.04	.07	.05	–	–	.68	.05	6
7	.07	–	.18	.02	.13	–	.05	.12	–	–	.04	.10	7
8	.50	–	.12	–	.17	.11	.21	.52	.12	.08	.01	.02	8
9	.40	.20	.07	.05	.06	.45	–	.11	.41	.01	.13	.01	9
10	.02	.06	.06	–	.01	.03	–	–	.22	–	.11	–	10
11	–	.08	.31	–	.02	–	.08	–	.16	–	.28	.26	11
12	–	.24	.10	–	.06	–	.33	–	.47	–	.17	.03	12
13	–	.18	.19	.02	.01	–	.03	–	.12	.18	.28	.08	13
14	–	.08	.03	–	–	–	–	–	–	.01	.18	.21	14
15	–	–	.29	–	–	–	–	–	.15	–	.13	.01	15
16	–	–	.01	–	–	–	1.19	–	1.00	–	–	.02	16
17	–	.30	.24	–	–	–	.23	–	.76	–	–	.52	17
18	–	.02	.10	–	–	–	.02	–	.07	–	.01	.09	18
19	–	–	.12	.	–	–	.22	–	.10	–	–	.33	19
20	–	.27	.05	–	–	.36	–	–	–	–	–	.03	20
21	–	.17	–	–	–	.09	–	–	–	.04	–	.09	21
22	–	.27	–	.02	.36	.08	–	.02	–	–	–	–	22
23	–	.01	.07	.02	.49	–	.24	–	–	–	.01	–	23
24	.02	.01	.41	.03	–	–	.18	.03	–	–	.27	–	24
25	.05	–	–	–	–	–	.04	.32	–	.85	.07	.50	25
26	.01	.	.01	.	–	–	.04	–	–	.42	.28	.22	26
27	.08	–	–	–	–	–	.	–	.01	.43	.35	.53	27
28	.06	.10	.23	–	.09	–	–	–	.	.27	.12	.10	28
29	.06		.04	–	.10	–	.06	.01	–	.01	.03	.03	29
30	–	✕	.08	–	–	–	–	.03	–	–	.23	.11	30
31	.10	✕	.06	✕	.01	✕	.49	–	✕	.09	✕	.01	31
Total	1.52	2.00	3.48	.78	2.26	1.22	4.68	1.52	3.59	2.41	3.88	5-10	YEAR'S TOTAL 32.44
Rain Days.	14	15	27	9	17	9	21	12	12	12	23	27	198

W. 8,000. X. 14.

ex'15

3109

REGISTER OF RAINFALL IN 19*15*.

FORM A.
BRITISH RAINFALL.

4-JAN 19

Kept at *51 Forest Road Southport*
in the County of *Lancaster*
by *J. H. Bonny*

Lat. ______ Long. ______
Time of Observation *9.0 am*
Nearest Railway Station *St Lukes Southport*
Diameter of Funnel of Rain Gauge *5* in.
Height of top of Gauge above Ground *1* ft. *6* in.
" " " " Sea Level *25* ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following. *.02*

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.31	.20	.01	-	.22	-	.22	.05	-	.01	-	.04	1
2	-	.51	.30	.29	-	.11	.19	.26	-	-	-	.02	2
3	.30	.02	.06	.48	-	-	.47	-	.06	-	-	.47	3
4	.01	.27	.01	-	.18	.14	-	-	-	-	-	.74	4
5	.12	.11	.17	-	-	.01	-	.02	.02	-	-	.76	5
6	.13	.02	-	.23	-	-	.65	.13	.01	-	-	.23	6
7	.80	.28	-	.09	-	-	.28	.57	-	-	-	.07	7
8	.13	.02	-	.23	-	-	-	.32	-	-	.46	-	8
9	-	.09	-	.14	-	-	.01	.01	-	-	.17	.50	9
10	.57	.01	.14	.09	-	-	-	.39	-	.01	.04	.15	10
11	.05	-	.03	.01	.44	-	-	.02	-	-	.21	.19	11
12	.28	.01	-	.10	.01	-	-	.01	-	.15	.45	-	12
13	.01	.01	-	.03	-	-	-	.07	-	-	.22	.04	13
14	.13	-	-	.03	-	-	.03	.35	.11	.05	.06	.10	14
15	.52	-	-	-	-	-	-	-	.02	.01	.30	.34	15
16	-	.35	.03	-	.25	-	.35	.57	-	-	-	.01	16
17	-	.16	-	.01	-	-	-	.07	-	.01	-	.17	17
18	-	.47	.02	-	-	-	-	-	-	-	-	-	18
19	-	.05	.09	.02	.11	-	.17	-	-	-	-	-	19
20	.22	.01	.01	-	.02	-	-	-	-	-	-	.27	20
21	.10	.06	-	.29	-	-	.16	-	-	-	-	.28	21
22	-	.06	.01	-	-	.15	.03	-	-	.05	.01	.08	22
23	-	.10	.10	.03	-	.05	-	-	.11	.41	-	.17	23
24	-	-	.22	.02	-	-	-	-	.23	.06	-	.41	24
25	-	-	-	-	-	.65	-	-	.13	.01	-	.29	25
26	-	.22	-	-	-	.03	.18	-	.02	-	-	.34	26
27	-	.10	-	-	-	-	.68	-	-	.36	-	.14	27
28	-	.16	-	-	.02	.38	-	.53	-	.22	-	.01	28
29	-		-	-	.02	-	-	-	-	.02	.09	.04	29
30	.24	X	-	.25	-	-	-	-	-	.04	.07	.07	30
31	.04	X	-	X	-	X	.02	.31	X	.01	X	.24	31
Total	3.96	3.29	1.20	2.34	1.27	1.52	3.44	3.68	.71	1.42	2.08	6.17	YEAR'S TOTAL 31-08
Rain Days.	17	23	14	17	9	8	14	16	9	15	11	27	180

W. 8,000. X. 15.

[illegible]

3096

REGISTER OF RAINFALL IN 1916.

FORM A.
BRITISH RAINFALL.

5 JAN 1917

Kept at Southport, 51 Forest Road.

in the County of Lancaster

by I. H. Bonny

Lat. Long.

Time of Observation 9.0 am

Nearest Railway Station

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 25 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. Nil.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.02	.06	.33	-	-	.10	.26	-	-	-	.08	-	1
2	.19	.33	.07	-	-	-	-	-	.54	.28	.09	.02	2
3	.01	-	-	.08	-	.05	.01	-	.54	.24	.02	.01	3
4	.09	.06	-	-	.45	.76	-	-	.01	.10	.13	-	4
5	.09	.19	-	-	.16	.04	-	-	-	.49	.20	-	5
6	.20	.20	-	-	.22	.13	.13	-	.02	.09	.22	.03	6
7	.01	.21	-	-	.08	-	.05	-	-	.27	.13	.44	7
8	.03	.13	.01	-	.01	.02	-	-	-	.02	.21	.02	8
9	.09	-	-	-	.26	.05	-	-	.05	-	.03	.05	9
10	-	.40	-	.13	.01	.03	.05	-	?	.02	.01	-	10
11	.05	.18	-	.78	.05	-	.02	-	.08	-	-	.12	11
12	.04	.07	.07	.16	.64	-	.17	.04	-	.08	-	-	12
13	-	.02	.10	.03	.02	-	-	.15	-	1.77	.02	.04	13
14	-	.15	-	.08	.29	-	-	.55	.01	.21	-	-	14
15	-	.29	.25	.08	.02	-	.07	.27	.06	.10	-	-	15
16	.03	.07	.01	.34	-	-	.04	.03	-	.16	-	-	16
17	.12	.18	-	.24	-	-	.03	.31	.78	.13	-	-	17
18	.01	.11	-	.14	-	-	-	.52	.24	.15	.32	.13	18
19	.10	-	.16	.17	-	-	-	.08	-	-	.26	-	19
20	.13	-	.56	.09	-	-	-	-	-	-	.11	.01	20
21	(.13)	-	.02	-	.10	-	-	-	-	-	.10	-	21
22	-	-	-	-	-	.13	-	-	-	.06	.01	.06	22
23	.02	-	.15	.06	-	.15	-	.08	-	.09	.24	.20	23
24	-	.02	-	.01	.02	-	-	.16	-	.18	-	.04	24
25	-	.02	.21	-	.05	.04	-	.10	.18	.02	.19	.02	25
26	.02	-	.03	-	-	.01	.46	-	.01	.05	-	-	26
27	-	.07	-	-	.01	.13	-	-	.14	.15	-	.02	27
28	-	.03	.02	-	-	-	-	-	-	.58	.01	.40	28
29	-	.13	-	-	-	.14	.02	-	-	.17	-	.54	29
30	-	×	-	-	-	.07	-	-	-	.37	-	.02	30
31	-	×	-	×	.02	×	-	.20	×	.07	×	.06	31
Total	1.36	2.92	1.99	2.39	2.41	1.85	1.31	2.49	2.66	5.85	2.38	2.23	YEAR'S TOTAL 29.84
Rain Days.	19	21	14	14	17	15	12	12	13	25	19	19	200

W. 8,000, VIII. 16

REGISTER OF RAINFALL IN 1917

FORM A.
BRITISH RAINFALL.
8. JAN 1918

Kept at 51 Forest Road. Southport.
in the County of Lancaster.
by I. H. Bonney

Lat. .... Long. ——
Time of Observation 9. a. m
Nearest Railway Station S. Luke's S'port
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 25 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.
None.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	–	–	.07	.06	–	–	–	.04	.19	–	.22	.15	1
2	.26	–	–	.10	–	.03	–	.02	–	–	.04	.06	2
3	–	.17	–	–	–	.34	–	–	–	.77	.06	.08	3
4	.07	–	.05	.02	–	–	–	–	–	.31	–	.02	4
5	.29	–	.10	.10	–	–	–	.02	–	.14	.26	.01	5
6	.04	–	–	–	–	.62	–	–	–	.31	.34	.06	6
7	.72	–	–	–	–	–	–	–	–	.37	.01	.09	7
8	.06	–	–	.26	–	–	–	.29	.02	.66	.28	.24	8
9	–	–	.07	.05	.01	–	–	.30	–	.18	.31	.01	9
10	.19	–	.54	.33	.07	–	–	.06	–	.01	–	–	10
11	.08	.05	–	–	.03	–	–	.21	.02	.51	.03	.01	11
12	–	–	–	.01	.48	–	–	.01	.01	.59	–	–	12
13	.01	–	–	.02	–	.01	–	.16	.53	–	.07	.26	13
14	.03	–	–	–	.22	–	–	.02	–	.08	.01	.08	14
15	.01	–	–	.02	–	–	.07	–	.35	.15	–	.22	15
16	–	.04	–	.20	–	–	–	.45	.04	.01	.02	.16	16
17	.01	.02	.13	.41	.13	–	.07	1.59	.03	.29	–	–	17
18	–	–	.03	.02	.11	–	.34	–	.30	–	–	–	18
19	–	.26	.34	–	.44	.08	–	–	–	–	–	–	19
20	–	.23	–	–	.08	.33	–	.10	.07	–	.43	–	20
21	–	.01	.21	–	.25	–	–	.05	–	.02	.02	–	21
22	–	–	–	–	–	.01	–	.26	.14	.19	.03	.01	22
23	–	.16	–	–	.06	.37	–	.11	.06	.14	–	.02	23
24	–	–	.01	–	–	.07	.20	.06	–	.45	.14	–	24
25	–	.10	.03	–	–	–	–	.17	.22	.08	.03	–	25
26	–	–	–	–	–	–	–	.53	.34	.14	.75	–	26
27	–	–	.12	–	.59	.02	.31	.58	–	.40	.01	–	27
28	–	–	.18	–	–	–	.04	.25	–	.15	–	–	28
29	–	X	.05	–	–	–	–	.01	–	.29	.03	–	29
30	–	X	.30	–	–	–	–	.12	–	.02	.14	–	30
31	–	X	.74	X	.10	X	–	.38	X	–	X	–	31
Total	1.77	1.04	2.97	1.60	2.57	1.88	1.03	5.79	2.32	6.26	3.23	1.48	YEAR'S TOTAL 31.94
Rain Days.	12	9	16	13	13	10	6	24	14	24	21	16	178

W. 8,000, IX. 17.

76

FORM A.
BRITISH RAINFALL.

3.1.19

REGISTER OF RAINFALL IN 1918.

Kept at 51 Forest Road Southport
in the County of Lancaster
by J. H. Bonny

Lat. Long.
Time of Observation 9-0 am
Nearest Railway Station
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 25 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. .44

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	–	.14	–	.03	–	–	–	–	.27	.07	.20	.10	1
2	–	.07	–	.04	–	–	–	–	.06	.03	.02	.72	2
3	–	.02	–	–	.74	–	–	–	.07	.27	–	–	3
4	.01	.05	–	–	.02	–	–	–	.32	.23	.19	.06	4
5	–	–	–	.15	.24	–	–	.55	.16	.38	–	–	5
6	.10	.46	–	.24	–	.49	–	.09	–	.20	–	–	6
7	–	.07	–	.02	.01	–	–	–	.12	.10	.09	.07	7
8	.20	.01	–	–	–	–	.19	–	.72	.20	.04	.02	8
9	.04	.37	–	.06	–	.32	–	–	.65	.63	–	.08	9
10	.09	.19	.01	.02	–	–	.20	–	.31	.18	.19	.13	10
11	.14	.13	.03	–	.28	–	.09	.01	.18	–	–	.21	11
12	.04	.23	–	.08	.08	–	–	–	.10	–	–	.06	12
13	.06	–	–	.10	.16	–	–	–	.22	.28	–	–	13
14	.77	–	–	–	–	.03	.49	–	.19	.13	–	.26	14
15	.18	–	–	–	–	–	.37	–	1.38	.06	–	.84	15
16	–	.01	–	–	–	.06	.24	.05	.32	–	–	.09	16
17	.18	–	–	–	.35	.08	.25	.03	.15	.22	–	.24	17
18	.29	.02	.06	–	–	.13	.37	–	.15	–	–	.41	18
19	.09	.07	.15	.05	–	–	.23	.03	.06	.05	–	.73	19
20	.12	.54	–	.18	.09	.18	.33	–	.24	–	–	.11	20
21	.16	.07	–	–	.09	.03	.02	–	.82	–	–	.03	21
22	.11	–	–	–	1.05	.10	.14	–	.16	–	–	.58	22
23	.06	–	–	–	.36	–	.47	–	.06	–	–	.11	23
24	.03	.10	–	–	–	.09	.02	.35	.10	.02	.08	.03	24
25	–	.01	–	–	.08	–	.16	.69	.42	–	.01	–	25
26	–	–	–	–	–	–	.51	.06	(30)	.03	.11	.10	26
27	–	.11	.19	–	–	.04	–	.73	.10	.06	.19	.43	27
28	–	.02	.07	–	–	–	–	–	.08	–	.35	.68	28
29	–		.01	–	–	–	–	–	.03	–	.01	.26	29
30	–	×	.22	–	–	–	–	.03	–	–	.23	.07	30
31	–	×	.23	×	–	×	–	.15	×	.03	×	.03	31
Total	2.67	2.69	.97	.97	3.55	1.55	4.08	2.77	7.74	3.17	1.71	6.45	YEAR'S TOTAL 38.32
Rain Days.	18	20	9	11	13	11	16	12	28	19	13	26	196

W, 6,500, VII. 18. w w c

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

JAN 20

Kept at 51 Forest Road Southport
in the County of Lancaster
by J. H. Bonny

Lat. .... Long. ....
Time of Observation 9. 0 am
Nearest Railway Station Southport
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft 6 in.
" " " " Sea Level 25 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·03

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.44	-	.04	.02	.29	-	.16	-	.52	.33	-	.01	1
2	.12	-	.33	-	.01	-	.16	.02	.59	-	-	.07	2
3	.09	-	-	-	.05	.13	.32	-	-	-	.01	.03	3
4	.56	-	.35	-	-	.02	.04	.34	.05	-	-	.09	4
5	.01	.01	-	-	.05	-	-	-	-	.01	.02	.19	5
6	.12	-	.39	.01	.03	-	-	-	.02	-	-	.08	6
7	.02	-	.10	.08	.02	-	-	-	.02	-	.02	-	7
8	.15	-	.03	-	.01	.08	-	-	-	-	-	.01	8
9	.40	-	.08	.02	-	-	-	-	-	-	-	-	9
10	.03	-	.27	.05	-	-	-	-	-	.11	-	.03	10
11	.02	-	1.23	.06	.05	-	.16	-	.04	.12	-	.03	11
12	.01	-	.30	-	-	.25	-	-	.02	.13	.33	.01	12
13	.35	.01	-	.19	-	-	.02	.01	-	.42	-	.01	13
14	.22	-	-	.20	-	-	.01	.02	-	.18	-	.19	14
15	.37	.02	-	.13	-	-	-	-	-	-	-	.43	15
16	.03	.06	-	-	-	.06	-	-	-	-	.31	.01	16
17	-	.02	-	.02	-	.03	-	.47	.02	-	.36	-	17
18	-	-	.47	-	-	-	.13	.23	.02	-	.03	.02	18
19	.02	.47	1.02	-	-	.31	-	.11	.11	-	.13	.16	19
20	.33	.18	.02	-	-	.08	-	.02	.10	-	.24	.19	20
21	.01	.20	-	-	-	-	.16	-	.08	-	.05	.02	21
22	-	.04	-	-	-	-	-	.02	.26	-	-	.91	22
23	-	-	-	-	-	.07	-	.05	-	1.24	-	.03	23
24	-	-	-	-	.44	.02	-	.03	.04	.17	.13	.17	24
25	.17	-	-	.03	.06	-	-	.53	.18	-	.09	-	25
26	-	-	.34	.01	-	.13	-	.28	.10	-	.01	.47	26
27	.13	-	-	.12	-	.01	-	.03	.02	-	-	.01	27
28	-	-	-	-	-	-	-	.92	-	.09	-	.32	28
29	.04		.09	.02	-	-	-	.07	-	-	.13	.23	29
30	-		.11	.15	-	.09	-	.06	-	.02	.13	.20	30
31	-		-		-		.23	.02		-		.07	31
TOTAL	3.64	1.01	5.17	1.21	1.01	1.28	1.39	3.23	2.19	2.82	1.99	3.99	YEAR'S TOTAL 28.93
Days with ·01 in. or more	22	9	16	15	10	13	10	18	17	11	15	27	183

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

FORM A2.
BRITISH RAINFALL.

6 - JAN 1912

R

—

SOUTHPORT
LINAKER ST
LANCASHIRE
1911 - 1912

Kept at 5 Linak ... in.

in the County of La ... round 1 ft. 6 in.

... ea Level 25 ft.

a.m

by J. H. ... me Chapel Street.

... stance 1/2 mile Direction N

IMPORTANT NO ... he result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	-	-	.08	-	.10	-	.01	.14	-	-	.38	.10	1
2	-	-	.01	-	.19	-	-	.01	-	.11	.02	.08	2
3	-	-	.05	-	.71	-	.05	-	.03	-	.13	.06	3
4	-	-	.08	-	-	-	.01	.40	.06	-	.33	.07	4
5	.36	-	.11	-	-	-	-	1.35	-	.02	.13	.03	5
6	.08	-	-	-	-	-	-	.43	-	-	.39	.03	6
7	.01	-	-	-	-	-	-	-	-	.02	.17	-	7
8	.04	-	.21	-	-	-	-	-	.02	-	[illegible]	.47	8
9	-	-	-	-	-	-	-	-	-	-	.01	.30	9
10	.14	.08	.20	-	-	-	-	-	.18	-	-	.32	10
11	.06	-	-	-	-	-	-	-	.05	-	.38	.07	11
12	-	-	.14	-	-	-	-	-	1.71	-	.17	-	12
13	-	.08	-	-	-	-	-	-	.01	-	.10	.09	13
14	.07	.60	-	-	.03	-	.01	-	-	-	.02	.13	14
15	.01	.22	-	.03	-	-	-	-	-	-	.18	.05	15
16	-	.05	.01	-	.01	.11	.02	-	-	-	.17	.08	16
17	-	-	-	-	-	.52	-	-	-	-	.10	.08	17
18	-	.15	-	.11	-	.06	-	.05	-	.01	.01	.07	18
19	-	.02	-	.07	-	.01	.02	-	.33	.18	.16	.40	19
20	-	.14	-	.58	-	.03	.08	.33	.10	.03	-	.36	20
21	-	.53	-	.02	-	-	-	.07	.05	.04	-	.12	21
22	.01	-	-	-	.04	.01	-	-	.01	.21	-	.05	22
23	-	.22	-	.01	-	.05	-	-	.16	.15	-	.23	23
24	.04	.10	-	.15	-	.94	-	.11	-	.13	-	.08	24
25	-	.06	-	.18	-	.08	-	-	.76	.17	-	.19	25
26	-	.02	-	.21	-	.07	.01	.11	-	.30	.12	.41	26
27	-	.18	-	.20	-	-	-	.50	.75	.01	-	.20	27
28	-	.14	-	.29	-	.12	-	-	.05	-	-	.24	28
29	-		-	.65	-	.26	.06	.15	.17	.62	-	.09	29
30	-		-	-	-	.02	.08	-	-	.17	.05	.01	30
31	-		.12		.12		.02	-		.07		-	31
Total	.82	2.59	1.01	2.50	1.20	2.28	.37	3.65	4.44	2.24	3.08	4.41	TOTAL for year 28.59
No. of Rain Days	10	15	10	12	7	13	11	12	17 16	16	20	29 28	172 170

9,000, IX. '10.

FORM A2.
BRITISH RAINFALL.
6 - JAN 1912

REGISTER OF RAINFALL IN 1911.

Kept at 5 Linaker St. Southport.
in the County of Lancaster. C3
by I. H. Bonny.

RAIN GAUGE	Pattern
	Diameter of top 5 in.
	Height of top above Ground 1 ft. 6 in.
	" " " Sea Level 25 ft.
Time of Observation	9 a.m
Nearest Railway Station	Name Chapel Street.
	Distance 1/2 mile Direction N

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	–	.08	–	.10	–	.01	.14	–	–	.38	.10	1
2	–	–	.01	–	.19	–	–	.01	–	.11	.02	.08	2
3	–	–	.05	–	.71	–	.05	–	.03	–	.13	.06	3
4	–	–	.08	–	–	–	.01	.40	.06	–	.33	.07	4
5	.36	–	.11	–	–	–	–	1.35	–	.02	.13	.03	5
6	.08	–	–	–	–	–	–	.43	–	–	.39	.03	6
7	.01	–	–	–	–	–	–	–	–	.02	.17	–	7
8	.04	–	.21	–	–	–	–	–	.02	–	[illegible]	.47	8
9	–	–	–	–	–	–	–	–	–	–	.01	.30	9
10	.14	.08	.20	–	–	–	–	–	.18	–	–	.32	10
11	.06	–	–	–	–	–	–	–	.05	–	.38	.07	11
12	–	–	.14	–	–	–	–	–	1.71	–	.17	–	12
13	–	.08	–	–	–	–	–	–	.01	–	.10	.09	13
14	.07	.60	–	–	.03	–	.01	–	–	–	.02	.13	14
15	.01	.22	–	.03	–	–	–	–	–	–	.18	.05	15
16	–	.05	.01	–	.01	.11	.02	–	–	–	.17	.08	16
17	–	–	–	–	–	.52	–	–	–	–	.10	.08	17
18	–	.15	–	.11	–	.06	–	.05	–	.01	.01	.07	18
19	–	.02	–	.07	–	.01	.02	–	.33	.18	.16	.40	19
20	–	.14	–	.58	–	.03	.08	.33	.10	.03	–	.36	20
21	–	.53	–	.02	–	–	–	.07	.05	.04	–	.12	21
22	.01	–	–	–	.04	.01	–	–	.01	.21	–	.05	22
23	–	.22	–	.01	–	.05	–	–	.16	.15	–	.23	23
24	.04	.10	–	.15	–	.94	–	.11	–	.13	–	.08	24
25	–	.06	–	.18	–	.08	–	–	.76	.17	–	.19	25
26	–	.02	–	.21	–	.07	.01	.11	–	.30	.12	.41	26
27	–	.18	–	.20	–	–	–	.50	.75	.01	–	.20	27
28	–	.14	–	.29	–	.12	–	–	.05	–	–	.24	28
29	–		–	.65	–	.26	.06	.15	.17	.62	–	.09	29
30	–		–	–	–	.02	.08	–	–	.17	.05	.01	30
31	–		.12		.12		.02	–		.07		–	31
Total	.82	2.59	1.01	2.50	1.20	2.28	.37	3.65	4.44	2.24	3.08	4.41	TOTAL for year 28.59
No. of Rain Days	10	15	10	12	7	13	11	12	17 16	16	20	29 28	172 170

9,000, IX. '10.

cod [illegible] 14.III.13 ~~W~~ DS

REGISTER OF RAINFALL IN 1912.

FORM A.
BRITISH RAINFALL.
2 JAN 1913

Kept at 5 Linaker St. Southport,
in the County of Lancaster. C3
by I. H. Bonny.

Lat. .... Long. ....
Time of Observation 9 a.m.
Nearest Railway Station Chapel Street
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 25 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	–	–	.23	–	–	.04	–	.03	.27	–	–	.22	1
2	–	–	.29	–	.03	.16	.07	–	.08	–	–	.02	2
3	.29	–	.10	–	–	.06	–	.41	.28	–	–	.04	3
4	.37	–	.70	.03	.03	.44	–	.38	.12	–	.50	.01	4
5	.04	.01	–	–	.22	.05	–	.02	.05	.02	.02	.01	5
6	.53	.15	.02	–	.04	–	–	.09	.01	–	.01	.02	6
7	–	.03	.02	.03	.20	.06	.16	.06	.06	–	–	.04	7
8	.38	.24	.03	.04	–	.05	–	.06	.20	–	–	–	8
9	.06	.03	.27	.20	–	.32	–	–	–	–	.07	.05	9
10	.06	–	–	.01	–	.18	.03	.01	–	–	.19	.02	10
11	.02	.01	–	–	.06	–	.05	–	–	–	–	.42	11
12	.09	.10	.47	–	–	.10	.03	–	–	–	–	.01	12
13	.03	–	–	–	–	–	–	.19	–	.24	–	.07	13
14	.26	–	.43	–	–	.26	–	.13	.02	–	–	.07	14
15	.05	.23	.08	–	.08	.16	–	.01	–	–	.01	.04	15
16	.43	.01	.11	–	.01	.01	–	.06	–	.41	.03	.02	16
17	.53	.31	.16	–	.02	1.04	–	.54	–	.01	.44	.33	17
18	.14	.04	–	–	–	.03	–	.04	–	.24	.10	.12	18
19	.01	–	.54	–	–	.02	–	.08	–	.11	.02	.01	19
20	.05	–	.14	–	.39	–	.10	.08	–	.16	.01	.07	20
21	–	.02	.05	–	.10	.01	.09	.05	–	.32	–	.17	21
22	–	.22	–	–	.41	–	.10	.54	–	.01	–	.02	22
23	–	–	.19	–	–	.08	.21	.75	–	.22	.25	.02	23
24	.01	–	.12	–	–	.21	.07	.08	–	.19	.06	.20	24
25	–	–	.11	–	–	.16	–	.01	–	.01	.34	.17	25
26	–	.07	.23	–	–	.02	.39	.21	–	1.28	.08	.09	26
27	–	.01	.17	–	–	.49	.24	–	–	.32	.08	.06	27
28	–	.09	.02	–	–	.15	.40	.25	.01	.25	.23	.03	28
29	–	.03	.01	–	–	–	.38	.06	.16	.12	–	.03	29
30	.02		.17	.01	.25	.02	[illegible]	.01	.01	.04	.02	–	30
31	–		.08		.37		1.75	.24		–		.26	31
Total	3.37	1.60	4.74	.32	2.21	4.12	4.07	4.39	1.27	3.95	2.46	2.59 2.59	YEAR'S TOTAL 35.09 35.09
Rain Days.	19	17	25	6	14	24	15	26	12	17	18	29	~~216~~ 222

W. 7,500, XI. ·12

REGIST

STOCKPORT
HEATON MOOR
1917 - 19

JAN 1918 BRITISH RAINFALL

Kept at 1 Gladstone Grove, He 1' 17" W
G.M.T throughout.
in the County of South lton Chapel L&NWRy.
by Alfred A. Barnes
ge 5 in.
round 1 ft. 0 in.
ea Level 235 ft.

IMPORTANT NOTE.— result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Record commenced at end of August 1917. A.A.B.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1									·11	—	·13	·16	1
2									—	·03	·02	·01	2
3									—	·30	·07	·02	3
4									—	·43	—	—	4
5									·04	·11	·13	·04	5
6									—	·37	·33	·09	6
7									—	·47	·03	·05	7
8									—	**·56**	·36	·11	8
9									—	·12	·26	—	9
10									—	·04	—	—	10
11									·03	·43	·02	—	11
12									—	·28	—	·08	12
13									·33	·01	·02	·25	13
14									—	—	—	·13	14
15									·02	·03	—	·13	15
16									—	—	·04	**·26**	16
17									·08	·12	—	·02	17
18									**·34**	—	—	—	18
19									—	—	·05	—	19
20									·06	—	·40	—	20
21									—	·07	·03	—	21
22									·13	·24	·11	—	22
23									·01	·23	—	·11	23
24								·06	—	·31	·16	·07	24
25								·12	—	·02	·10	—	25
26								·67	·20	·07	**·92**	—	26
27								·24	—	—	·09	·03	27
28								·41	—	·07	·03	·01	28
29								·14	—	·34	—	·02	29
30		X						·18	—	·02	·09	—	30
31		X		X		X		·16	X	·01	X	—	31
Total									1·35 ✓	4·68 ✓	3·39 ✓	1·59 ✓	YEAR'S TOTAL
Rain Days.									11 ✓	24 ✓	21 ✓	18 ✓	

8,000, IX. 17.

REGIST

FORM JAN 1918 BRITISH RAINFALL

Kept at 1 Gladstone Grove, Heaton Moor [Stockport]

in the County of South Lancs:

by Alfred A. Barnes C.E., F.R.Met: Soc:

Lat. 53° 25' 7" N Long. 2° 11' 17" W

Time of Observation 9 a.m. G.M.T throughout.

Nearest Railway Station Heaton Chapel L&NWRy.

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 235 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1									·11	—	·13	·16	1
2									—	·03	·02	·01	2
3								Record commenced at end of August 1917. A.A.B.	—	·30	·07	·02	3
4									—	·43	—	—	4
5									·04	·11	·13	·04	5
6									—	·37	·33	·09	6
7									—	·47	·03	·05	7
8									—	**·56**	·36	·11	8
9									—	·12	·26	—	9
10									—	·04	—	—	10
11									·03	·43	·02	—	11
12									—	·28	—	·08	12
13									·33	·01	·02	·25	13
14									—	—	—	·13	14
15									·02	·03	—	·13	15
16									—	—	·04	**·26**	16
17									·08	·12	—	·02	17
18									**·34**	—	—	—	18
19									—	—	·05	—	19
20									·06	—	·40	—	20
21									—	·07	·03	—	21
22									·13	·24	·11	—	22
23									·01	·23	—	·11	23
24								·06	—	·31	·16	·07	24
25								·12	—	·02	·10	—	25
26								·67	·20	·07	**·92**	—	26
27								·24	—	—	·09	·03	27
28								·41	—	·07	·03	·01	28
29								·14	—	·34	—	·02	29
30		X						·18	—	·02	·09	—	30
31		X		X		X		·16	X	·01	X	—	31
Total									1·35 ✓	4·68 ✓	3·39 ✓	1·59 ✓	YEAR'S TOTAL
Rain Days.									11 ✓	24 ✓	21 ✓	18 ✓	

8,000, IX. 17.

REGISTER OF RAINFALL IN 1918

FORM A. BRITISH RAINFALL
23. 1. 19

Kept at 1 Gladstone Grove: Heaton Moor: Stockport
in the County of Lancashire
by Alfred A. Barnes. C.E.

Lat. 53° 25' 7" N Long. 2° 11' 17" W
Time of Observation 9 am G.M.T.
Nearest Railway Station Heaton Chapel LNWR. 5/8 mile N.E.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 235 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan. Ins:	Feb. Ins:	March. Ins:	April. Ins:	May. Ins:	June. Ins:	July. Ins:	Aug. Ins:	Sept. Ins:	Oct. Ins:	Nov. Ins:	Dec. Ins:	Date.
1	—	·12	·01	·02	·04	—	—	—	·50	·11	·11	·07	1
2	—	·14	—	·08	—	—	—	·13	·44	·01	—	·80	2
3	—	·02	—	—	·43	—	—	·05	·03	·08	·01	·01	3
4	·06	·01	—	—	—	—	—	·11	·16	·57	·24	·31	4
5	·01	—	·01	·06	·44	·14	—	·93	·20	·22	—	—	5
6	·04	1·04	—	·29	—	·25	—	·09	—	·16	—	·01	6
7	·01	·09	—	·04	·02	—	·01	—	·20	·24	·15	—	7
8	·08	·03	·11	—	—	—	·49	—	·36	·12	·05	·01	8
9	·26	·91	—	·01	—	·39	·01	—	·60	·38	·03	·03	9
10	·05	·27	·01	—	—	—	·37	—	·18	·09	·16	·05	10
11	·18	·21	·08	·09	·13	—	·05	—	·19	·19	—	·13	11
12	·04	·28	·01	·18	·09	·02	·57	—	·11	—	—	·35	12
13	·01	—	—	—	·26	·01	·01	—	·45	·19	—	·02	13
14	·41	—	—	—	—	·14	·12	—	·39	·07	—	·28	14
15	·11	—	—	—	·02	·07	·58	—	1·18	·01	—	·33	15
16	—	—	—	·05	—	·07	·12	·06	·17	·05	—	·27	16
17	·20	—	—	—	·01	·17	·08	·07	·30	·09	—	·20	17
18	·33	—	·05	—	—	·10	·50	·02	·40	—	—	·53	18
19	·09	·03	·31	·05	—	—	·29	·11	·28	·04	—	·36	19
20	·08	·43	—	·11	—	·15	·26	—	·26	·01	—	·01	20
21	·13	·19	—	·01	·50	·21	·03	—	·35	—	—	·03	21
22	·02	·02	—	—	·78	·04	·16	—	·07	—	—	·55	22
23	·07	—	—	—	·41	—	·11	—	·16	—	·02	·25	23
24	—	·05	—	—	—	—	·28	·26	·10	·03	·06	·21	24
25	—	—	—	—	·03	·03	·37	·42	·04	·02	·02	—	25
26	—	·04	—	—	—	—	·10	·09	·26	·02	·11	·08	26
27	—	·08	·14	—	—	·07	·01	·50	·45	—	·19	·43	27
28	—	·08	·46	—	—	—	—	—	·16	—	·30	·54	28
29	—	X	—	—	—	—	—	—	·03	—	—	·13	29
30	—	X	·16	—	—	—	—	·12	·03	—	·14	·24	30
31	—	X	·24	X	—	X	—	·36	X	—	X	—	31
Total	2·18	4·04	1·59	0·99	3·16	1·86	4·52	3·32	8·05	2·70	1·59	6·23	YEAR'S TOTAL 40·23
Rain Days.	19	19	12	12	13	15	21	15	29	21	14	27	217

W. 6,500, VII. 18. w w c

3 Rain Spells {
July 7 to July 27 21 days : Total = 4·52 ins = ·215 in : per day
Sept 7 to Oct 11 35 days : " = 8·89 ins = ·254 in : per day
Dec 8 to Dec 24 17 days : " = 3·61 ins = ·212 in : per day.

A. A. B.

2703

REGISTER OF RAINFALL IN 1919

FORM A.
BRITISH RAINFALL.

JAN 20

Kept at 1 Gladstone Grove, Heaton Moor [Stockport]

in the County of S. Lancashire

by Alfred A. Barnes C.E.

Lat. 53°. 25′. 7″ N Long. 2° 11′ 17″ W

Time of Observation 9 AM G.M.T

Nearest Railway Station Heaton Chapel

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

" " " " Sea Level 235 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·36	—	·01	—	·57	—	·23	·03					1
2	·19	—	·64	·01	·01	—	·22	·02					2
3	·59	—	—	—	·04	·24	·10	—					3
4	·39	·01	·32	—	—	·03	·04	·37					4
5	·06	·01	—	·03	·06	—	—	·01					5
6	—	—	·38	—	·61	—	—	—					6
7	·06	—	·28	·01	—	—	—	—					7
8	·07	—	·03	·01	—	·04	—	—					8
9	·11	—	·10	·04	—	—	—	—					9
10	—	—	·65	·14	—	—	—	—					10
11	·01	—	·80	·08	·04	—	—	—					11
12	—	—	·40	·11	—	·09	·08	—					12
13	·20	·03	—	·09	—	·03	—	·01					13
14	·39	—	—	·22	—	—	—	—					14
15	·21	—	·02	·04	—	—	—	—					15
16	·16	·05	—	·08	—	·05	·01	—					16
17	·13	·01	—	·26	—	·25	·01	·32					17
18	—	—	·32	—	—	—	·03	·59					18
19	·01	·11	·29	—	—	·14	·59	·22					19
20	·14	·10	·04	—	—	·22	·06	·05					20
21	·02	·31	—	—	—	·02	·17	—					21
22	—	·05	—	—	—	·04	—	·05					22
23	—	—	—	·01	—	·11	—	·02					23
24	—	—	—	·08	·14	—	—	·04					24
25	·14	·01	—	·05	·13	·10	—	·39					25
26	·02	—	·51	·15	—	·10	—	·44					26
27	·19	—	·04	·33	—	·01	—	·03					27
28	—	—	·01	·02	—	·02	—	·43					28
29	·02	╳	·02	·03	—	·01	—	·13					29
30	—	╳	·12	·26	—	·21	—	·16					30
31	·01	╳	·03	╳	—	╳	·31	·02	╳		╳		31
Total	3·48	0·69	5·01	2·05	1·60	1·71	1·85	3·33					YEAR'S TOTAL
Rain Days.	22	10	20	21	8	18	12	19					

Termination of Record

Moved to Spring Field LUDLOW

See Readings on other sheet from 1st Nov 1919 onwards Shropshire

W. 8,000, VIII. 16

No Records sent in fo

FORM A2.
BRITISH RAINFALL.
7 - JAN 1913

SWINTON
ENDSLEY
LANCASHIRE
1912 - 13

12

Kept at Ends
in the County of
by George A

p — in.
above Ground — ft.
Sea Level — ft.
AS 1910.
tion { Name
Distance — Direction

IMPORTANT NOTE.—Rain … , and the result entered to the previous day. If an Observer prefers not to conform … universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	—	—	—	—	0·20	0·20	0·06	0·34	—	—	0·76	1
2	—	0·12(S)	0·14	0·11	0·09	0·15	0·12	—	0·10	—	—	0·10	2
3	0·32	—	0·05	—	0·04	0·16	—	0·69	0·35	—	0·02	0·10	3
4	0·48	—	0·09	0·17	0·06	0·43	—	0·52	0·17	—	0·67	—	4
5	0·17	0·05(S)	0·06	—	0·28	0·23	—	—	0·13	—	0·01	—	5
6	0·50	0·11	0·31	—	0·04	0·03	—	0·26	—	—	—	0·03	6
7	0·10	0·06	—	0·01	0·09	0·01	0·01	0·03	0·59	—	—	0·01	7
8	0·29(S)	0·07	0·15	0·06	0·01	0·03	0·01	0·06	0·24	—	0·10	—	8
9	0·10	0·18	0·26	0·46	—	0·02	0·03	—	—	—	0·03	0·10	9
10	0·15	—	0·27	—	—	0·71	—	—	—	—	0·33	0·76	10
11	0·11	—	—	—	—	0·04	0·01	0·12	—	0·03	—	0·08	11
12	0·10	0·03	—	—	—	—	0·01	—	—	—	—	0·24	12
13	—	—	0·28	—	—	0·02	—	0·13	0·04	0·33	—	0·39	13
14	0·17	0·15	0·55	0·01	—	0·08	—	0·28	0·01	—	—	0·07	14
15	0·14	0·01	0·77	—	0·42	0·10	—	0·02	—	0·23	—	—	15
16	0·50	—	0·23	—	0·14	—	—	0·09	—	—	0·04	0·20	16
17	0·20(S)	0·11	0·43	—	—	0·90	—	0·57	—	—	0·11	0·15	17
18	0·20(S)	0·01	0·11	—	—	0·05	—	0·10	—	0·38	0·07	0·12	18
19	0·02	0·02	0·37	—	—	0·03	0·06	0·42	—	0·11	—	—	19
20	0·16	—	0·15	—	—	0·01	0·14	0·40	—	0·29	0·05	0·05	20
21	0·01	—	0·05	—	0·20	—	0·13	0·75	—	0·47	—	0·10	21
22	—	0·25	—	—	0·60	0·06	0·23	0·99	—	—	0·01	0·10	22
23	—	—	0·19	—	—	0·05	0·29	—	—	—	0·21	0·03	23
24	0·03	—	0·06	—	—	0·16	0·15	0·07	—	—	0·02	0·10	24
25	—	0·03	0·07	—	—	0·31	—	0·01	—	—	0·48	0·17	25
26	—	0·09	0·17	—	—	0·03	0·38	0·21	—	1·36	0·25	0·15	26
27	—	0·01	0·51	—	—	0·69	0·73	—	—	0·63	0·04	0·04	27
28	—	0·02	0·07	—	—	0·05	0·28	0·50	—	0·47	0·27	—	28
29	—	0·02	0·07	—	—	0·10	0·47	0·03	0·31	0·09	—	0·05	29
30	0·04		0·19	—	0·28	0·17	0·12	—	—	0·03	0·04	—	30
31	—		0·09		0·22		1·23	0·40	—	—		0·02	31
Total	3·79	1·34	5·69	0·82	2·47	4·82	4·60	6·71	2·28	4·42	2·75	3·92	TOTAL for year
No. of Rain Days.	20	18	26	6	13	27	19	23	10	12	18 Total.	24 216	43·61

W. 8,000, X. '11. (S) = Melted Snow.

No Records sent in f

REGISTER OF RAINFALL IN 1912

loc 7. 6.

FORM A2.
BRITISH RAINFALL.
7 - JAN 1913

Kept at Endsley. Swinton.

in the County of Lancashire S3.

by George A. T. Jesson (A.M.I.Mech.Eng.)

NO RAIN GAUGE CHANGE

Pattern —
Diameter of top — in.
Height of top above Ground — ft.
" " Sea Level — ft.
Time of Observation AS 1910.
Nearest Railway Station: Name — Distance — Direction —

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ✕

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—	—	—	—	—	0·20	0·20	0·06	0·34	—	—	0·76	1
2	—	0·12(S)	0·14	0·11	0·09	0·15	0·12	—	0·10	—	—	0·10	2
3	0·32	—	0·05	—	0·04	0·16	—	0·69	0·35	—	0·02	0·10	3
4	0·48	—	0·09	0·17	0·06	0·43	—	0·52	0·17	—	0·67	—	4
5	0·17	0·05(S)	0·06	—	0·28	0·23	—	—	0·13	—	0·01	—	5
6	0·50	0·11	0·31	—	0·04	0·03	—	0·26	—	—	—	0·03	6
7	0·10	0·06	—	0·01	0·09	0·01	0·01	0·03	0·59	—	—	0·01	7
8	0·29(S)	0·07	0·15	0·06	0·01	0·03	0·01	0·06	0·24	—	0·10	—	8
9	0·10	0·18	0·26	0·46	—	0·02	0·03	—	—	—	0·03	0·10	9
10	0·15	—	0·27	—	—	0·71	—	—	—	—	0·33	0·76	10
11	0·11	—	—	—	—	0·04	0·01	0·12	—	0·03	—	0·08	11
12	0·10	0·03	—	—	—	—	0·01	—	—	—	—	0·24	12
13	—	—	0·28	—	—	0·02	—	0·13	0·04	0·33	—	0·39	13
14	0·17	0·15	0·55	0·01	—	0·08	—	0·28	0·01	—	—	0·07	14
15	0·14	0·01	0·77	—	0·42	0·10	—	0·02	—	0·23	—	—	15
16	0·50	—	0·23	—	0·14	—	—	0·09	—	—	0·04	0·20	16
17	0·20(S)	0·11	0·43	—	—	0·90	—	0·57	—	—	0·11	0·15	17
18	0·20(S)	0·01	0·11	—	—	0·05	—	0·10	—	0·38	0·07	0·12	18
19	0·02	0·02	0·37	—	—	0·03	0·06	0·42	—	0·11	—	—	19
20	0·16	—	0·15	—	—	0·01	0·14	0·40	—	0·29	0·05	0·05	20
21	0·01	—	0·05	—	0·20	—	0·13	0·75	—	0·47	—	0·10	21
22	—	0·25	—	—	0·60	0·06	0·23	0·99	—	—	0·01	0·10	22
23	—	—	0·19	—	—	0·05	0·29	—	—	—	0·21	0·03	23
24	0·03	—	0·06	—	—	0·16	0·15	0·07	—	—	0·02	0·10	24
25	—	0·03	0·07	—	—	0·31	—	0·01	—	—	0·48	0·17	25
26	—	0·09	0·17	—	—	0·03	0·38	0·21	—	1·36	0·25	0·15	26
27	—	0·01	0·51	—	—	0·69	0·73	—	—	0·63	0·04	0·04	27
28	—	0·02	0·07	—	—	0·05	0·28	0·50	—	0·47	0·27	—	28
29	—	0·02	0·07	—	—	0·10	0·47	0·03	0·31	0·09	—	0·05	29
30	0·04	✕	0·19	—	0·28	0·17	0·12	—	—	0·03	0·04	—	30
31	—	✕	0·09	✕	0·22	✕	1·23	0·40	—	—	✕	0·02	31
Total	3·79	1·34	5·69	0·82	2·47	4·82	4·60	6·71	2·28	4·42	2·75	3·92	TOTAL for year 43·61
No. of Rain Days.	20	18	26	6	13	27	19	23	10	12	18	24 Total 216	

W. 8,000, X. '11. (S) = Melted Snow.

REGISTER OF RAINFALL IN 1913.

FORM A.
BRITISH RAINFALL.
2-JAN 1914

Kept at Endsley . Swinton E4M
in the County of Lancaster S 3
by G.A.T. Jesson

Lat. Long.
Time of Observation NO
Nearest Railway Station CHANGE
Diameter of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·02	·08	·07	—	—	—	—	—	—	—	·10	·15	1
2	·01	·04	·19	·02	—	—	—	—	—	—	·03	·03	2
3	·05	·04	·15	—	·66	·13	—	—	—	—	—	·34	3
4	·69	·33	·02	—	·05	—	·07	—	—	—	·08	·34	4
5	·16	·03	·02	—	·02	—	·04	—	—	—	·02	·04	5
6	·06	·15	·05	—	·51	·53	·67	—	—	—	—	·02	6
7	—	·07	·15	—	·22	·07	—	·28	—	·45	·07	·03	7
8	—	·13	·01	—	·01	·27	·02	·43	—	·03	·03	·21	8
9	—	·28	—	·06	·07	—	·02	—	·01	—	·14	·01	9
10	—	·01	·01	·16	·04	·47	·01	—	·04	·05	·04	—	10
* 11	·28s	·01	·25	·34s	·02	—	·01	—	—	·05	·09	·14	11
12	·05s	·01	—	—	—	·11	—	—	·06	—	·31	·02	12
13	—	—	·66	·02	—	—	·03	—	·11	·03	·30	·13	13
14	·10 s	·01	·15	·07	—	·03	·06	·11	·01	·40	·59	·05	14
15	·02	—	·14	·36	—	—	·01	·10	·07	—	·18	—	15
16	—	—	·02	·02	—	—	·01	·01	—	—	·24	—	16
17	·01	—	—	·12	·08	—	—	—	·22	—	·24	—	17
18	·01	—	·17	·27	·05	—	·13	—	—	—	·11	—	18
19	·06	—	·02	·02	·04	—	—	—	·24	·07	·20	—	19
20	·10	—	·09	·06	—	·10	—	—	·02	·12	·41	—	20
21	—	—	·10	—	—	—	·15	·09	—	—	·04	—	21
22	·56	—	·68	—	·18	—	—	·83	·26	—	·01	—	22
23	·25	—	·02	—	·02	—	—	·52	·23	—	·17	·09	23
24	·33	·05	—	·06	·34	·26	—	·12	—	—	·17	·06	24
25	—	·02	—	·10	—	·25	—	—	·47	·03	·05	·34	25
26	—	·01	·02	·52	—	·04	—	—	·10	·03	·04	·51	26
27	—	—	—	·42	—	·02	—	·01	·03	—	·04	·16	27
28	·40	—	·16	·50	—	—	—	·01	·03	·15	·03	—	28
29	·01		·19	·85	·02	—	—	·11	—	·07	—	—	29
30	·46		—	—	·08	—	—	—	—	—	·04	—	30
31	·02		·21		·17		—	—		·23		—	31
Total	3·65	1·27	3·55	3·97	2·58	2·28	1·23	2·62	1·90	1·71	3·77	2·67	YEAR'S TOTAL 31·20
Rain Days.	21	16	24	18	18	12	13	12	15	13	27	18	207

W.7,000, XI. 13 *S = Snow

Smede ✓

TYLDESLEY
GAS. WORKS
LANCASHIRE
1913 - 1917

FORM A.
BRITISH RAINFALL.

12 JAN 1914

REGI

Kept at Tyldesle ... lesley LANCS

in the County of La ... in.

by Gas Dept. Ho ... d 1 ft. - in.

...evel 150 ft.

IMPORTANT NOT ... esult entered to the previous day. If an Ol ... ule, he is earnestly requested to add the reading at 9 a.m. on 1st ... the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	-	0.07	0.05	0.01	-	0.01	-	-	-	-	-	-	1
2	-	0.10	0.17	0.01	-	0.13	-	-	-	-	0.08	-	2
3	0.02	-	0.16	-	0.43	-	-	-	-	-	0.01	0.41	3
4	0.67	0.24	0.03	-	-	-	0.01	-	-	-	0.04	0.32	4
5	0.18	0.06	0.07	-	0.01	0.22	0.09	-	-	0.02	0.05	-	5
6	0.05	0.13	0.12	-	0.58	0.11	0.26	-	-	0.07	-	-	6
7	-	0.09	-	-	0.12	0.20	-	-	-	0.44	-	0.07	7
8	-	0.16	0.16	-	-	0.06	-	0.23	-	0.46	0.04	-	8
9	-	0.25	0.09	0.10	0.11	0.55	0.08	0.64	-	-	0.10	0.22	9
10	-	-	0.12	0.29	0.05	-	-	-	0.07	0.02	0.04	-	10
11	0.35	-	0.01	0.40	0.02	0.12	-	0.01	-	0.04	0.10	-	11
12	-	-	-	-	0.01	-	-	-	0.07	-	0.28	0.08	12
13	0.16	-	0.46	0.02	-	-	0.10	0.05	0.10	0.03	0.31	0.05	13
14	0.10	-	0.18	0.11	-	-	-	0.14	-	0.37	0.53	-	14
15	-	-	0.10	0.37	-	-	-	-	0.10	0.02	0.10	0.15	15
16	-	-	0.15	0.14	-	-	-	-	-	-	0.18	-	16
17	-	-	0.08	0.06	0.17	-	0.02	-	0.12	-	0.18	-	17
18	-	-	0.20	0.23	0.09	-	0.10	-	-	-	0.40	-	18
19	0.11	-	0.08	0.06	0.02	0.11	-	-	0.08	0.07	0.13	-	19
20	0.16	-	0.07	-	0.01	-	0.03	-	-	0.20	0.50	-	20
21	-	-	0.07	-	0.14	-	0.11	0.25	-	-	-	-	21
22	0.55	-	0.65	-	0.01	0.14	-	0.73	0.28	-	-	-	22
23	0.30	-	0.03	-	0.13	0.31	-	0.70	0.24	-	0.19	-	23
24	0.31	-	-	0.11	-	0.18	-	0.04	-	-	0.09	-	24
25	-	-	-	0.08	-	-	-	-	0.55	-	0.03	-	25
26	-	0.14	-	1.10	-	-	-	0.01	0.12	0.04	-	-	26
27	-	-	-	0.31	-	0.05	-	-	-	0.21	0.05	0.42	27
28	0.32	-	0.14	0.40	0.05	-	-	-	-	0.03	0.04	0.25	28
29	-		0.22	0.61	0.06	-	-	0.15	-	-	0.08	-	29
30	0.52		0.01	-	0.02	-	-	-	-	0.33	0.18	-	30
31	-		0.24		0.44		-			-	-	-	31
Total	3.80	1.24	3.66	4.41	2.47	2.19	0.84	2.95	1.73	2.35	3.73	1.97	YEAR'S TOTAL 31·39"
Rain Days.	14	9	25	18	19	13	9	11	10	15	24	9	176

W.7,000, XI. 13

S made

REGISTER OF RAINFALL IN 19

Kept at Tyldesley Gas Works.

in the County of Lancs. E4 R

by Gas Dept. Hedley Moss 2 Manager.

Lat. .... Long. ....
Time of Observation 9.0 A.M.
Nearest Railway Station Tyldesley L.N.W.R.
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 150 ft.

FORM A. BRITISH RAINFALL. 12 JAN 1914

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	-	0.07	0.05	0.01	-	0.01	-	-	-	-	.	-	1
2	-	0.10	0.17	0.01	-	0.13	-	-	-	-	0.08	-	2
3	0.02	-	0.16	-	0.43	-	-	-	-	-	0.01	0.41	3
4	0.67	0.24	0.03	-	.	-	0.01	-	-	-	0.04	0.32	4
5	0.18	0.06	0.07	-	0.01	0.22	0.09	-	-	0.02	0.05	-	5
6	0.05	0.13	0.12	-	0.58	0.11	0.35	-	-	0.07	-	-	6
7	-	0.09	-	-	0.12	0.20	-	-	-	0.44	-	0.07	7
8	-	0.16	0.16	-	-	0.06	.	0.23	-	0.46	0.04	-	8
9	-	0.25	0.09	0.10	0.11	0.55	0.08	0.54	-	-	0.10	0.22	9
10	-	.	0.12	0.29	0.05	-	-	-	0.07	0.02	0.04	-	10
11	0.35	.	0.01	0.40	0.02	0.12	-	0.01	-	0.04	0.10	-	11
12	-	.	-	-	0.01	-	-	-	0.07	-	0.28	0.08	12
13	0.16	.	0.46	0.02	-	.	0.10	0.05	0.10	0.03	0.31	0.05	13
14	0.10	.	0.18	0.11	-	.	-	0.14	-	0.37	0.53	.	14
15	-	.	0.10	0.37	-	.	-	-	0.10	0.02	0.10	0.15	15
16	-	.	0.15	0.14	-	.	-	-	-	-	0.18	.	16
17	-	-	0.08	0.06	0.17	.	0.02	-	0.12	.	0.18	.	17
18	-	.	0.20	0.23	0.09	.	0.10	-	-	-	0.40	.	18
19	0.11	-	0.08	0.06	0.02	0.11	-	-	0.08	0.07	0.13	-	19
20	0.16	-	0.07	-	0.01	.	0.03	-	-	0.20	0.50	-	20
21	-	-	0.07	-	0.14	.	0.11	0.25	-	-	-	-	21
22	0.55	-	0.65	-	0.01	0.14	-	0.73	0.28	-	-	-	22
23	0.30	-	0.03	-	0.13	0.31	-	0.80	0.24	-	0.19	-	23
24	0.31	-	-	0.11	-	0.18	-	0.04	-	-	0.09	-	24
25	-	-	-	0.08	-	.	-	-	0.55	-	0.03	-	25
26	-	0.14	-	1.10	-	.	-	0.01	0.12	0.04	-	-	26
27	-	.	-	0.31	-	0.05	-	.	-	0.21	0.05	0.42	27
28	0.32	.	0.14	0.40	0.05	.	-	.	-	0.03	0.04	0.25	28
29	-		0.22	0.61	0.06	-	-	0.15	-	-	0.08	.	29
30	0.52		0.01	-	0.02	-	-	-	-	0.33	0.18	-	30
31	-		0.24		0.44		-			-	-	-	31
Total	3.80	1.24	3.66	4.41	2.47	2.19	0.89	2.95	1.73	2.35	3.73	1.97	YEAR'S TOTAL 31·39"
Rain Days.	14	9	25	18	19	13	9	11	10	15	24	9	176

W.7,000, XI. 13

Esc M.G.

REGISTER OF RAINFALL IN 19 14.

FORM A.
BRITISH RAINFALL.
12 JAN 1915

Kept at Tyldesley Gas Works
in the County of Lancashire S 2
by Hadley Ash. Manager.

Lat. Long.
Time of Observation 9.0 A.M.
Nearest Railway Station Tyldesley
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 150 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0.03	0.28	0.15	-	-	-	0.66	0.68	-	-	-	0.30	1
2	0.02	-	-	-	-	-	0.51	0.56	-	0.04	0.15	0.15	2
3	0.02	-	0.06	-	0.27	-	0.05	0.01	-	-	-	0.37	3
4	0.29	-	0.13	0.12	0.07	-	-	0.04	-	-	0.09	0.23	4
5	-	-	0.06	0.16	0.07	0.03	0.05	-	.	-	0.33	0.10	5
6	-	-	0.08	0.21	0.27	-	0.10	0.12	-	-	0.13	-	6
7	0.01	-	0.23	-	0.12	-	0.10	0.07	-	-	-	0.32	7
8	0.55	-	0.02	-	0.55	0.05	-	0.30	0.04	-	-	0.01	8
9	0.40	-	0.02	-	0.05	0.55	-	0.27	-	-	0.13	-	9
10	-	0.18	-	0.32	0.03	-	-	-	0.29	-	0.02	-	10
11	.	0.15	0.18	0.10	0.07	0.28	0.04	-	0.31	-	0.71	-	11
12	-	0.15	0.15	0.03	0.04	0.02	-	-	0.36	-	0.42	0.23	12
13	.	0.07	0.07	-	0.03	-	0.10	-	0.10	0.08	0.41	0.18	13
14	.	0.11	0.13	-	-	.	-	-	0.33	0.03	0.40	0.33	14
15	-	-	0.33	-	-	.	-	-	0.05	-	-	-	15
16	-	0.07	0.05	-	-	.	0.63	-	0.13	-	-	0.01	16
17	-	0.51	0.18	-	-	.	0.60	-	0.92	-	.	0.68	17
18	.	-	0.06	-	-	0.02	-	-	0.42	-	-	0.08	18
19	-	-	-	-	-	-	0.16	-	-	-	-	-	19
20	-	0.06	0.05	-	-	0.32	-	-	0.14	0.03	-	0.02	20
21	-	0.09	-	-	-	0.13	-	-	-	0.04	-	0.04	21
22	-	0.06	-	-	0.06	0.43	0.05	0.15	-	-	-	-	22
23	-	-	0.12	0.13	0.16	0.11	-	-	-	-	-	-	23
24	0.02	-	0.34	0.10	0.06	.	0.33	0.31	-	-	0.30	-	24
25	-	-	-	-	-	.	0.14	0.33	-	1.02	0.10	0.46	25
26	0.05	0.05	-	-	-	.	0.12	-	-	0.33	0.25	0.22	26
27	0.~~04~~15	-	-	-	-	.	-	-	-	0.60	0.22	1.08	27
28	0.04	0.10	0.03	-	0.07	0.04	-	-	0.01	0.05	0.30	0.06	28
29	0.08		0.14	-	0.05	.	-	.	-	-	0.12	0.08	29
30	-	X	0.08	-	-	.	-	0.03	-	-	0.09	0.09	30
31	-	X	0.11	X	-	X	0.66	.	X	0.15	X	0.05	31
Total	1.66	1.88	2.77	1.17	2.07	1.98	4.30	3.77	3.30	2.37	4.07	4.54	YEAR'S TOTAL ✓ 33.23
Rain Days.	12	13	23	8	16	11	16	12	12	10	17	22	172 ✓

W. 8,000. X. 14.

3016

FORM A. BRITISH RAINFALL. 10 JAN 1916

REGISTER OF RAINFALL IN 1915.

Kept at Tyldesley Gas Works
in the County of Lancaster.
by Ashley Hoz. Manager.

Lat. Long.
Time of Observation 9. A.M
Nearest Railway Station Tyldesley.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 150 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	-	0.29	0.08	-	0.28	-	0.17	0.11	0.15	-	-	0.08	1
2	-	0.28	0.37	0.20	-	0.07	0.22	0.18	-	-	-	0.10	2
3	0.54	0.08	0.03	0.31	-	-	0.26	0.51	-	0.04	-	0.40	3
4	0.03	0.39	-	-	0.32	-	0.55	-	-	-	-	1.10	4
5	0.11	0.17	0.18	-	0.14	0.04	-	0.10	-	-	-	0.67	5
6	0.25	0.03	-	0.19	-	-	0.32	0.05	-	-	-	0.36	6
7	0.68	0.36	-	0.08	-	-	0.18	0.40	-	-	-	0.13	7
8	0.14	0.05	-	0.18	-	-	-	0.38	-	-	0.39	-	8
9	-	0.03	-	0.06	-	-	-	-	-	-	0.28	0.62	9
10	0.58	-	0.17	0.04	-	-	0.02	0.46	-	-	0.15	0.50	10
11	0.18	-	-	-	0.28	-	0.04	0.17	-	-	0.18	0.25	11
12	0.46	-	-	0.05	0.19	-	-	0.30	-	0.30	0.53	0.02	12
13	0.11	-	-	-	-	-	0.09	0.02	-	-	-	0.05	13
14	0.60	-	-	0.15	-	-	0.07	0.16	0.17	-	-	0.27	14
15	-	-	-	-	-	-	0.01	-	-	-	0.23	0.14	15
16	-	0.28	-	-	0.28	-	0.80	0.43	-	-	-	-	16
17	-	0.28	0.10	-	-	-	-	-	-	0.01	-	0.03	17
18	0.01	0.23	-	-	-	-	-	-	-		-	-	18
19	-	0.10	0.09	0.07	0.14	-	0.22	-	-		-	-	19
20	0.18	-	-	-	0.16	-	0.01	0.18	-		-	0.38	20
21	0.10	0.04	-	0.18	-	-	0.25		-		-	0.26	21
22	-		0.18	-	-	0.05	-		-		-	0.24	22
23	-		0.08	-	-	-	0.25		0.05	0.33	-	-	23
24	-		0.11	0.03	-	-	-		0.30	0.20	-	0.28	24
25	-		-	-	-	1.17	-		0.15	-	-	0.48	25
26	-	0.16	-	-	-	-	0.38		0.03	-	-	0.32	26
27	-	0.22	-	-	-	0.04	0.21		-	0.62	-	0.20	27
28	-	-	-	-	-	0.62	-	0.50	-	0.21	-	0.03	28
29	-	-	-	-	0.01	0.07	-	-	-	-	0.13	0.12	29
30	0.19	X	-	0.09	-	0.06	-	0.03	-	-	-	0.01	30
31	0.30	X	-	X	-	X	-	0.68	X	0.08	X	0.31	31
Total	4.34	2.88	1.27	1.57	1.80	2.12	4.05	4.50	0.85	1.79	1.89	7.35	YEAR'S TOTAL 34.41
Rain Days.	16	16	10	13	9	8	18	17	6	8	7	26	154

W. 8,000. X. 15.

and [illegible] ~~K~~ C7

2930

FORM A. BRITISH RAINFALL. 16 JUN 1917

REGISTER OF RAINFALL IN 1916

Kept at Gas Works, Tyldesley.

in the County of Lancashire.

by Urban District Council of Tyldesley-with-Shakerley

Mark Newsome Manager.

Lat. Long.

Time of Observation 9. a.m.

Nearest Railway Station Tyldesley. L.N.W.

Diameter of Funnel of Rain Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 150 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

TYLDESLEY DISTRICT COUNCIL GAS AND WATER WORKS JUN 4 1917

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0.14	0.04	0.24	·	·	0.17	0.51	·	·	·	0.18	·	1
2	0.32	0.13	0.03	·	·	·	0.20	·	0.25	0.36	0.40	·	2
3	·	0.06	·	0.01	·	0.20	0.20	·	0.93	0.40	0.16	0.20	3
4	0.10	0.23	·	·	0.37	0.70	·	·	0.03	0.80	0.27	·	4
5	0.10	0.05	·	·	0.13	0.63	·	·	·	0.80	0.24	·	5
6	0.80	0.64	·	·	0.57	0.36	·	·	·	0.13	0.20	0.50	6
7	0.01	·	0.01	·	0.12	·	0.18	·	·	0.15	0.50	0.38	7
8	0.04	0.17	0.02	·	0.02	0.56	·	·	·	0.50	0.42	0.10	8
9	0.14	0.02	·	·	0.18	0.17	0.65	·	·	·	0.15	0.60	9
10	0.01	0.21	·	0.13	0.02	·	0.04	·	·	·	0.20	·	10
11	0.04	0.35	·	0.70	0.01	0.06	0.05	·	·	·	·	0.70	11
12	0.08	·	0.10	0.03	0.10	·	0.38	0.06	0.19	0.10	·	0.30	12
13	·	0.25	0.16	0.07	·	·	·	0.34	·	0.90	·	·	13
14	0.02	0.12	0.01	0.02	0.39	·	·	0.18	0.26	0.16	·	·	14
15	·	0.34	0.36	0.13	·	·	·	0.18	·	0.12	·	·	15
16	0.04	0.24	0.27	0.32	·	·	0.01	0.47	0.20	0.15	·	·	16
17	0.13	0.33	·	0.33	·	·	·	0.20	0.65	0.10	·	·	17
18	0.01	0.13	0.04	0.28	·	·	·	0.26	0.23	0.60	0.40	·	18
19	0.20	·	0.15	0.18	·	·	·	0.12	0.30	·	·	·	19
20	0.15	·	0.19	·	·	·	·	0.01	·	·	·	0.20	20
21	0.01	·	·	0.36	0.31	·	1.00	·	·	0.20	0.30	0.40	21
22	·	·	·	0.12	·	0.10	·	·	·	·	·	0.13	22
23	·	·	0.06	·	·	·	·	0.06	·	0.20	0.14	0.28	23
24	·	0.16	0.01	·	·	·	·	0.30	·	0.30	·	0.10	24
25	0.05	0.04	·	·	0.08	0.04	·	0.32	·	·	0.35	·	25
26	·	·	0.13	·	·	0.04	·	0.04	·	0.40	0.30	·	26
27	·	0.08	0.01	·	·	0.35	·	0.04	·	0.40	·	·	27
28	·	0.03	·	·	·	·	·	·	·	0.27	·	0.25	28
29	·	0.04	·	·	·	0.27	·	·	·	0.20	·	0.50	29
30	·	✕	·	·	·	0.14	·	·	·	0.23	0.21	0.20	30
31	·	✕	·	✕	0.07	✕	·	0.06	✕	0.10	✕	0.10.	31
Total	2.39	3.66.	1.79	2.68.	2.37	3.49	3.22	2.67	3.04	7.57	4.42	4.84	YEAR'S TOTAL 49.94
Rain Days.	19	21	16	13	13.	3.49 14.	3 22 10	15	9	23	16	4.84 16.	42.14 185

W. 8,000, VIII. 16

2784

FORM A.
BRITISH RAINFALL.
30 MAY 1919

REGISTER OF RAINFALL IN 1917

Kept at Gas Works Tyldesley
in the County of Lancashire
by Urban District Council of Tyldesley with Shakerley
M Newsome Manager

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Tyldesley L.N.W. Ry.
Diameter of Funnel of Rain Gauge 5" in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 150 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—					0·01			0·65		0·18	0·22	1
2	0·36			0·03		0·08			0·50				2
3	-					0·18				0·60	0·05	0·04	3
4	0·28									0·38			4
5	0·25									0·22	0·30		5
6	0·11					0·30				0·43	0·26		6
7	0·52									0·36	0·08	0·09	7
8	0·21			0·23		0·10		0·54		0·48	0·28	0·16	8
9								0·80		0·80	0·40		9
10	0·28		0·75	0·18	0·28			0·12					10
11	0·20							0·70	0·60	0·40	0·04		11
12			0·40	0·60	0·54			0·13		0·38		0·02	12
13					0·08			0·14	0·36		0·07	0·20	13
14	0·50			0·10				0·40				0·10	14
15				0·25	0·06		0·50		0·12	0·30		0·28	15
16			0·18	0·80				0·24		0·60	0·05		16
17		0·38		0·30		0·15	0·18	0·95	0·50	0·20			17
18			0·03	0·08	0·25		0·55	0·30	0·19				18
19		0·30	0·12		0·15	0·15							19
20		0·52			0·11	0·40		0·13	0·20		0·45		20
21		0·50			0·25	0·09		0·25		0·14			21
22		0·60						0·04	0·18	0·26			22
23		0·09			0·70			0·20	0·40	0·30	0·14	0·28	23
24						0·14		0·07		0·38	0·20		24
25		0·07	0·12					0·24		0·25	0·05		25
26								0·95	0·30	0·20	0·95		26
27						0·15	0·27	0·45		0·10	0·08		27
28			0·40		0·45	—	0·80	0·27		0·18			28
29					—			0·10		0·30			29
30		✕	0·20					0·05		0·40	0·05		30
31		✕	0·16	✕	0·10	✕		0·20	✕		✕		31
Total	2·71	2·46	2·36	2·57	2·97	1·75 ~~2·47~~	2·30	7·27	4·00	7·61	3·63	1·39	YEAR'S TOTAL 41·07 41·09
Rain Days.	9	7	9	9	11	11	5	22	11	22	17	9	142

W. 8,000, IX. 17.

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UPHOLLAND
GRAMMAR SCHOOL
LANCASHIRE
1913

FORM A.
BRITISH RAINFALL.
14 JAN 1914

RE

Kept at Upholland ell L + Y.

in the County of Lan in.

by the pupils ound 1 ft. in.

a Level 310 ft.

IMPORTANT N e result entered to the previous day. If an al rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·025	·025	·050	·040	·050	—	—	—	—	—	·043	·010	1
2	·010	·100	·110	·100	—	·100	—	—	—	trace	·023	·026	2
3	·008	·010	·220	—	·800	—	—	—	—	·040	·012	·415	3
4	·390	·190	·024	—	trace	trace	·020	—	—	·010	·015	·315	4
5	·225	·030	—	—	·060	·210	·335	trace	—	·055	·080	·045	5
6	·040	·098	·175	—	·405	·170	·690	—	—	·070	·050	·073	6
7	—	·115	·060	—	·210	·275	·015	—	—	·365	·187	·050	7
8	—	·158	·068	—	·035	·070	—	·230	·045	·027	·020	trace	8
9	—	·210	·125	·130	·160	·625	·160	·165	trace	trace	·115	·270	9
10	trace	·010	·110	·270	·035	trace	·050	trace	·047	·090	·055	·008	10
11	(snow) ·370	trace	trace	·310	·010	·115	·055	trace	trace	·070	·190	·030	11
12	·140	trace	trace	trace	·025	trace	·007	—	·200	trace	·440	trace	12
13	—	—	·395	·010	—	—	·160	·085	·135	·022	·350	nil	13
14	·120	—	·140	·075	—	—	·020	·035	·012	·414	·265	·015	14
15	·007	—	·175	·415	—	—	—	trace	trace	trace	·177	·065	15
16	trace	trace	·085	trace	—	—	trace	—	—	trace	·198	trace	16
17	nil	—	·045	·085	·045	·010	·090	—	·062	trace	·208	—	17
18	·007	—	·260	·178	·015	·010	·120	—	trace	trace	·135	trace	18
19	·063	—	·025	trace	·010	·140	trace	—	·085	·098	·058	—	19
20	·105	—	·051	·080	·020	—	trace	—	·005	·258	·625	—	20
21	—	—	·081	trace	·090	—	·100	·445	trace	·013	·030	—	21
22	·550	—	·557	—	·025	·210	—	·820	·300	—	trace	trace	22
23	·205	—	trace	—	·270	·235	—	·358	·215	—	·164	·010	23
24	·240	·030	—	·040	trace	·105	—	·015	trace	—	·033	·013	24
25	—	trace	—	·038	—	—	—	—	·440	·019	·053	·170	25
26	—	·010	—	1·085	—	·005	—	—	·210	trace	·005	·400	26
27	—	trace	—	·250	—	·012	—	trace	·005	·280	·083	·150	27
28	·323	—	·060	·300	·030	·005	—	—	trace	·080	·045	·040	28
29	—	—	·200	·520	·110	—	—	·110	trace	·054	·070	trace	29
30	·470	—	trace	—	—	—	—	trace	trace	·165	·180	nil	30
31	·010	—	·180	~~[illegible]~~	·400	~~[illegible]~~	—	—		trace	~~[illegible]~~	nil	31
Total	3·308	·986	3·196	3·926	2·745	2·297	1·822	2·263	1·761	2·130	3·849	2·105	YEAR'S TOTAL 30·~~4~~388
Rain Days.	~~21.~~ 19	~~17.~~ 12	~~26.~~ 22	~~20~~ 17	~~22~~ 20	2·297 ~~19.~~ 15	~~16~~ 13	~~15.~~ 9	~~22~~ 12	~~27~~ 18	~~30.~~ 29	~~25.~~ 18	30·388 ~~260~~ 204

W.7,000, XI. 13

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RI

FORM A.
BRITISH RAINFALL.
14 JAN 1914

Kept at Upholland Grammar School
in the County of Lancashire
by the pupils C. H. Cox.

Time of Observation 9 a.m.
Nearest Railway Station Orrell L + Y.
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. in.
" " " " Sea Level 310 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·025	·025	·050	·040	·050	—	—	—	—	—	·043	·010	1
2	·010	·100	·110	·100	—	·100	—	—	—	trace	·023	·026	2
3	·008	·010	·220	—	·800	—	—	—	—	·040	·012	·415	3
4	·390	·190	·024	—	trace	trace	·020	—	—	·010	·015	·315	4
5	·225	·030	—	—	·060	·210	·335	trace	—	·055	·080	·048	5
6	·040	·098	·175	—	·405	·170	·690	—	—	·070	·050	·073	6
7	—	·115	·060	—	·210	·275	·015	—	—	·365	·187	·050	7
8	—	·158	·068	—	·035	·070	—	·230	·045	·027	·020	trace	8
9	—	·210	·125	·130	·100	·625	·160	·165	trace	trace	·115	·270	9
10	trace	·010	·110	·270	·035	trace	·050	trace	·047	·090	·055	·008	10
11	(snow) ·370	trace	trace	·310	·010	·115	·055	trace	trace	·070	·190	·030	11
12	·140	trace	trace	trace	·025	trace	·007	—	·200	trace	·440	trace	12
13	—	—	·395	·010	—	—	·160	·085	·135	·022	·350	nil	13
14	·120	—	·140	·075	—	—	·020	·035	·012	·414	·265	·015	14
15	·007	—	·175	·415	—	—	—	trace	trace	trace	·177	·065	15
16	trace	trace	·085	trace	—	—	trace	—	—	trace	·198	trace	16
17	nil	—	·045	·085	·045	·010	·090	—	·062	trace	·208	—	17
18	·007	—	·260	·178	·015	·010	·120	—	trace	trace	·135	trace	18
19	·063	—	·025	trace	·010	·140	trace	—	·085	·098	·058	—	19
20	·105	—	·051	·080	·020	—	trace	—	·005	·258	·625	—	20
21	—	—	·081	trace	·090	—	·100	·445	trace	·013	·030	—	21
22	·550	—	·557	—	·025	·210	—	·820	·300	—	trace	trace	22
23	·205	—	trace	—	·270	·235	—	·358	·215	—	·164	·010	23
24	·240	·030	—	·040	trace	·105	—	·015	trace	—	·033	·013	24
25	—	trace	—	·038	—	—	—	—	·440	·019	·053	·170	25
26	—	·010	—	1·085	—	·005	—	—	·210	trace	·005	·400	26
27	—	trace	—	·250	—	·012	—	trace	·005	·280	·083	·150	27
28	·323	—	·060	·300	·030	·005	—	—	trace	·080	·045	·040	28
29	—	—	·200	·520	·110	—	—	·110	trace	·054	·070	trace	29
30	·470	—	trace	—	—	—	—	trace	trace	·165	·180	nil	30
31	·010	—	·180	[illegible]	·400	[illegible]	—	—		trace	[illegible]	nil	31
Total	3·308	·986	3·196	3·926	2·745	2·297	1·822	2·263	1·761	2·130	3·849	2·105	YEAR'S TOTAL 30·488
Rain Days.	~~21~~ 19	~~17~~ 12	~~26~~ 22	~~20~~ 17	~~22~~ 20	2·297 ~~19~~ 15	~~16~~ 13	~~15~~ 9	~~22~~ 12	~~21~~ 18	~~30~~ 29	~~25~~ 18	30·388 ~~260~~ 204

W.7,000, XI. 13

3020.

ULPHA

1916 - ~~20~~ 18, 20

~~1919 1921~~

FORM A.
BRITISH RAINFALL.
12. JAN 1917

REGIS

Kept at Ulpha

in the County of Lan

by Mr J

roughton

ge 11·283 in.

round 1 ft. 6 in.

ea Level 251·25 ft.

IMPORTANT NOT e result entered to the previous day. If an Ob sal rule, he is earnestly requested to add the read in the space provided for it at the end of this paragraph. Full instructions nt of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·37	·41	·01	–	–	·62	1·10	·08	–	–	·76	–	1
2	·53	·30	–	–	·02	·19	·01	·01	·30	·27	·10	·04	2
3	·10	·26	–	·05	·02	·35	·60	–	·77	·31	·89	·05	3
4	·15	·11	–	–	·52	1·43	–	–	·01	1·19	·54	–	4
5	·35	·92	–	–	·25	·33	·01	–	–	1·21	·52	–	5
6	·77	·14	·01	–	·36	·07	·40	–	–	·41	·46	·10	6
7	·07	·02	–	–	·18	·23	·69	–	–	·67	·31	·33	7
8	·06	·02	·02	·03	·01	·47	·01	–	–	·11	·38	·02	8
9	·11	–	–	–	·21	·32	·34	–	–	·05	·38	·68	9
10	·16	·43	·04	·62	·02	·03	·64	–	–	·71	·41	–	10
11	·16	·09	·14	·89	·04	·01	·84	–	·59	·24	·06	–	11
12	·37	·49	·15	·11	·56	–	·63	·24	·10	·44	(·04)	–	12
13	–	·30	·04	·12	·03	–	–	·23	–	1·00	–	·01	13
14	·14	·30	·61	·15	·80	–	–	·41	·39	·31	·01	–	14
15	·20	·50	·09	·18	·01	–	·10	·31	·28	·21	–	·08	15
16	·11	·24	–	·97	·01	–	·03	·07	·04	·01	–	–	16
17	·81	·48	–	1·32	·03	–	·06	–	1·75	·37	–	snow ·05	17
18	·07	·82	·19	·28	–	–	·03	·19	·71	·41	·25	·69	18
19	·38	–	·06	·08	–	·02	–	·11	·01	–	·39	·42	19
20	·69	–	–	·08	–	·01	–	–	–	–	·24	·56	20
21	·50	–	–	·01	·18	·01	·15	–	·03	–	·18	·01	21
22	–	–	·31	·01	·01	·35	·34	–	·03	·23	·02	·09	22
23	·08	–	·02	·64	·01	·15	–	·01	–	·56	·92	·23	23
24	·03	–	·18	·56	·03	·21	–	·56	–	·36	·17	·03	24
25	·02	snow ·02	·35	·04	·36	·16	–	·55	·03	·19	1·08	·18	25
26	·46	·02	·01	–	–	–	·06	–	·06	·08	·22	–	26
27	·02	·03	–	–	·03	–	–	·01	·15	·44	·14	·06	27
28	·56	·02	·01	–	–	–	–	–	·01	·35	·17	1·53	28
29	·26	·20	·04	–	–	–	–	–	–	·36	·96	·31	29
30	·06	X	·02	–	–	·05	·11	·03	–	1·40	·77	·32	30
31	–	X	–	X	1·39	X	–	·15	X	·47	X	·58	31
Total	7·59	6·12	2·30	6·14	5·08	5·01	6·15	2·96	5·26	12·36	10·42	6·37	YEAR'S TOTAL 75·76
Rain Days.	28	22	19	18	23	19	19	15	17	27	26	22	255

W. 8,000, VIII. 16

REGIS

FORM A.
BRITISH RAINFALL.
12 JAN 1917

Kept at Ulpha

in the County of Lancashire

by Mr J Chadderton

Lat. Long.

Time of Observation 9.0 am

Nearest Railway Station Broughton

Diameter of Funnel of Rain Gauge 11·283 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 251·25 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·37	·41	·01	–	–	·62	1·10	·08	–	–	·76	–	1
2	·53	·30	–	–	·02	·19	·01	·01	·30	·27	·10	·04	2
3	·10	·26	–	·05	·02	·35	·60	–	·77	·31	·89	·05	3
4	·15	·11	–	–	·52	1·43	–	–	·01	1·19	·54	–	4
5	·35	·92	–	–	·25	·33	·01	–	–	1·21	·52	–	5
6	·77	·14	·01	–	·36	·04	·40	–	–	·41	·46	·10	6
7	·07	·02	–	–	·18	·23	·69	–	–	·64	·31	·33	7
8	·06	·02	·02	·03	·01	·47	·01	–	–	·11	·38	·02	8
9	·11	–	–	–	·21	·32	·34	–	–	·05	·38	·68	9
10	·16	·43	·04	·62	·02	·03	·64	–	–	·71	·41	–	10
11	·16	·09	·14	·89	·04	·01	·84	–	·59	·24	·06	–	11
12	·37	·49	·15	·11	·56	–	·63	·24	·10	·44	(·04)	–	12
13	–	·30	·04	·12	·03	–	–	·23	–	1·00	–	·01	13
14	·14	·30	·61	·15	·80	–	–	·41	·39	·31	·01	–	14
15	·20	·50	·09	·18	·01	–	·10	·31	·28	·21	–	·08	15
16	·11	·24	–	·97	·01	–	·03	·07	·04	·01	–	–	16
17	·81	·48	–	1·32	·03	–	·06	–	1·75	·34	–	snow ·05	17
18	·07	·82	·19	·28	–	–	·03	·19	·71	·41	·25	·69	18
19	·38	–	·06	·08	–	·02	–	·11	·01	–	·39	·42	19
20	·69	–	–	·08	–	·01	–	–	–	–	·24	·56	20
21	·50	–	–	·01	·18	·01	·15	–	·03	–	·18	·01	21
22	–	–	·31	·01	·01	·35	·34	–	·03	·23	·02	·09	22
23	·08	–	·02	·64	·01	·15	–	·01	–	·56	·92	·23	23
24	·03	–	·18	·56	·03	·21	–	·56	–	·36	·17	·03	24
25	·02	snow ·02	·35	·04	·36	·16	–	·55	·03	·19	1·08	·18	25
26	·46	·02	·01	–	–	–	·06	–	·06	·08	·22	–	26
27	·02	·03	–	–	·03	–	–	·01	·15	·44	·14	·06	27
28	·56	·02	·01	–	–	–	–	–	·01	·35	·17	1·53	28
29	·26	·20	·04	–	–	–	–	–	–	·36	·96	·31	29
30	·06	╳	·02	–	–	·05	·11	·03	–	1·40	·44	·32	30
31	–	╳	–	╳	1·39	╳	–	·15	╳	·44	╳	·58	31
Total	7·59	6·12	2·30	6·14	5·08	5·01	6·15	2·96	5·26	12·36	10·42	6·37	YEAR'S TOTAL 75·76
Rain Days.	28	22	19	18	23	19	19	15	17	24	26	22	255

W. 8,000, VIII. 16

7956

REGISTER OF RAINFALL IN 1917

FORM A.
BRITISH RAINFALL.

25. JAN 1918

Kept at Ulpha

in the County of Lancaster

by J C Chadderton

Lat. Long.

Time of Observation 9.0 am

Nearest Railway Station Broughton

Diameter of Funnel of Rain Gauge 11.283 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 251.25 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·21	-	·21	-	-	·10	-	-	·56	-	·18	·30	1
2	1·48	-	·03	·02	-	·01	-	-	·02	·01	·04	-	2
3	·13	·15	-	Snow ·16	-	·67	-	-	·09	·81	·04	·01	3
4	·04	·02	·05	-	-	-	-	-	-	·03	·13	·20	4
5	·46	-	·23	·15	-	-	-	-	·05	·04	1·35	·18	5
6	·15	-	-	·05	-	·33	-	-	·01	·63	·68	·59	6
7	1·04	-	-	-	-	·46	-	-	-	·77	·32	·24	7
8	·33	-	-	·36	-	·06	-	·54	·14	1·22	·57	·36	8
9	-	-	·01	Snow ·08	·02	-	-	·27	-	·05	·74	-	9
10	·54	-	1·30	Snow ·22	·28	-	-	·30	·04	·05	-	-	10
11	·10	-	-	-	·24	-	-	·30	·05	1·51	·18	·01	11
12	-	-	·20	-	·59	·02	-	-	·07	·21	-	·31	12
13	·02	-	-	·23	·02	·06	-	·18	1·39	-	·22	·71	13
14	-	-	-	·13	·08	-	-	·35	-	·01	-	·40	14
15	-	-	-	·18	-	-	·01	·01	·45	1·69	·02	1·17	15
16	-	·05	·07	·20	-	-	-	1·59	·13	·20	-	·11	16
17	-	·15	·21	·73	·07	-	·07	1·68	·32	·75	·18	-	17
18	·02	·05	·48	·15	·07	-	1·34	·27	·56	·06	·14	·30	18
19	-	·28	·46	·02	·49	-	-	·01	-	·01	·06	·54	19
20	-	·40	·01	-	·18	1·40	-	·23	·63	·34	1·33	·32	20
21	-	·04	·10	-	·18	·07	-	·14	·48	·28	·07	-	21
22	-	·06	-	-	-	-	-	·33	·20	1·71	·12	-	22
23	-	·39	-	-	·50	·88	·07	·91	·07	·44	·05	·22	23
24	-	·01	-	-	-	·15	·11	·46	·06	2·00	·23	·04	24
25	-	·23	·14	-	·01	-	-	·75	1·18	·80	·04	-	25
26	-	·01	-	-	-	-	·11	1·59	·75	·35	2·18	-	26
27	-	·02	·15	·02	·29	·01	·28	·77	·01	·56	·14	-	27
28	-	·18	·29	·06	-	-	·01	·34	-	·15	-	-	28
29	-		·16	·02	-	-	-	·23	-	1·02	·03	-	29
30	-		·01	-	-	-	-	·02	-	·34	·23	-	30
31	-		·39		1·64		·01	·70		-		-	31
Total	4·52	2·04	4·50	2·78	4·66	4·22	2·01	11·97	7·26	16·04	9·27	6·01	YEAR'S TOTAL 75·28
Rain Days.	12	15	19	17	15	13	9	23	22	28	25	18	216

W. 8,000, IX. 17.

Exd 970

6

REGISTER OF RAINFALL IN 1918

FORM A.
BRITISH RAINFALL.

21 7 19

Kept at Ulpha

in the County of N. Lancaster

by Fred Chadderton

Lat. Long. —
Time of Observation 10 am
Nearest Railway Station Broughton
Diameter of Funnel of Rain Gauge 11·283 in.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 251·25 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	-	·55	-	·05	·05	-	-	-	1·00	·46	·86	·52	1
2	-	·16	-	-	-	-	-	-	·28	·35	·10	1·62	2
3	·08	·16	-	-	·35	-	-	-	·02	2·40	·05	·20	3
4	·05	·34	-	-	·22	-	·01	·03	·12	·83	·61	·23	4
5	·01	·15	-	·21	·16	-	·02	1·29	-	·74	·04	·14	5
6	·08	1·05	-	·71	·01	·70	·04	·01	-	·45	-	·04	6
7	-	·20	-	·10	-	-	·29	·14	·60	·02	·28	·58	7
8	·47	-	·12	-	-	-	·17	·05	·71	·49	·16	·16	8
9	·70	·54	·03	·03	-	·51	·26	-	·79	1·00	·12	·13	9
10	·22	·71	·50	·12	-	-	·02	-	·16	·59	·57	·18	10
11	·42	·15	·25	-	·20	-	·24	·01	·40	-	-	·59	11
12	·03	1·94	-	·06	·05	·24	·01	-	·14	-	-	·39	12
13	-	-	-	·03	·06	·07	-	-	·29	·62	-	-	13
14	1·25	-	-	-	·02	·44	·65	·11	·10	·07	-	·10	14
15	-	·03	-	-	·01	·20	·86	-	2·76	·04	-	·38	15
16	·09	·23	-	-	-	·41	·15	·50	1·48	-	-	·14	16
17	·60	-	-	-	-	·06	·44	·59	·15	·05	-	·87	17
18	·92	·16	·29	-	-	·09	·46	·01	·13	·02	-	·31	18
19	·75	·24	·23	·18	-	·01	·05	·57	·58	·03	-	1·03	19
20	1·20	·31	·01	·19	·19	·37	·50	·04	·47	-	-	-	20
21	·54	·47	-	-	-	·10	·06	-	1·70	·02	-	·05	21
22	·25	·05	-	-	·57	·09	1·21	·05	·61	-	-	·95	22
23	·80	-	-	-	·15	-	·25	-	·10	·02	·08	·53	23
24	·42	·30	-	-	-	-	·01	·90	·52	·36	·27	·10	24
25	·09	·08	-	-	·31	·01	·56	1·08	·52	-	·03	-	25
26	·02	·31	-	-	-	-	·17	·06	·70	·17	·28	·80	26
27	·05	·35	·68	-	-	·46	·01	·45	·33	·13	·19	·93	27
28	-	·08	·35	-	-	·01	-	·01	·41	·04	·07	·63	28
29	·08		·02	-	-	-	-	·14	·05	-	-	·76	29
30	·01	✗	·51	-	-	-	-	·39	·02	·18	·81	·40	30
31	-	✗	·38	✗	-	✗	-	·28	✗	·25	✗	·34	31
Total	9·13	8·36	3·37	1·68	2·35	3·77	6·44	6·71	15·14	9·33	4·43	13·10	YEAR'S TOTAL 83·81
Rain Days.	24	23	12	10	14	16	23	21	28	24	16	28	239

W, 6,500, VII. 18. W W C

2686

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1920.

28 MAR 1921

Kept at Ulpha
in the County of Lancaster
by J. Chadderton Engineer & Manager

Lat. Long.
Time of Observation 9 am
Nearest Railway Station Broughton in Furness
Diameter of Funnel of Rain Gauge 11·283 in.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 251·25 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·09	·03	·27	·02	·76	·03	·68	·04	·06	·12	—	·28	1
2	—	·02	—	·05	·06	—	·12	·01	·65	·12	—	1·98	2
3	·08	·35	·35	·03	·12	—	·02	·45	·44	·92	—	·22	3
4	—	—	·03	·07	·16	—	·07	2·61	·04	·60	·02	—	4
5	—	—	·78	—	1·50	—	·05	·31	·19	·72	·03	—	5
6	·12	—	·55	1·16	·88	—	—	—	·02	·15	·02	—	6
7	·26	·16	·08	·12	·03	—	·27	·01	·07	—	·15	—	7
8	·26	·19	·03	·20	·24	—	·45	·69	—	—	·66	·03	8
9	·35	1·22	·09	·47	·02	—	·18	·02	·48	—	·12	·07	9
10	1·51	·31	·22	·55	—	—	·51	—	—	—	—	·06	10
11	·30	·06	·15	·03	·49	·32	·03	—	—	—	·16	—	11
12	·35	·71	·58	·45	·28	·39	·91	—	·11	—	·62	·15	12
13	·44	·42	·32	·62	·21	·22	·03	—	—	—	·15	·16	13
14	·14	·82	·06	·68	—	·50	1·07	—	1·05	·31	1·16	—	14
15	·05	·34	·03	·47	—	—	·05	·10	·15	·53	·04	—	15
16	·16	·03	·39	·10	·12	·34	·62	·06	1·16	·01	·26	—	16
17	·15	—	·35	—	·52	·76	·03	·84	·84	—	·02	—	17
18	·75	·04	·01	·11	1·16	·24	—	—	·01	—	—	—	18
19	·12	·62	—	·31	·02	·33	·30	·04	—	—	·07	—	19
20	·40	—	—	·19	—	·15	·11	—	·40	—	—	·62	20
21	·05	—	—	·10	—	—	·06	·01	·01	—	—	·36	21
22	·82	—	—	·95	·02	·05	·72	·01	—	·04	—	·01	22
23	1·37	—	·31	·64	—	—	·25	·02	—	—	—	·26	23
24	·28	·03	·87	·21	—	·15	·02	·01	—	—	—	·30	24
25	·10	·10	·22	·39	—	·08	·26	—	·06	—	—	·06	25
26	·35	·16	1·00	·81	—	—	·12	—	·15	—	·16	·10	26
27	·07	·01	1·20	·11	·43	·67	·36	—	—	—	·22	·12	27
28	·08	·13	·62	·11	·01	·33	·41	—	—	—	·02	·41	28
29	·24	·12	·12	—	·12	·02	1·07	—	—	—	·73	·85	29
30	·61	X	·59	—	·22	·17	—	—	·20	—	·36	1·22	30
31	·26	X	·16	X	·35	X	·16	·07	X	·10	X	·64	31
													YEAR'S TOTAL
TOTAL	9·76	5·87	9·38	8·95	7·72	4·75	8·93	5·30	6·09	3·62	4·97	7·90	83·24
Days with ·01 in. or more	28	21	26	26	22	17	28	17	19	11	19	20	254
Days with ·04 in. or more	28	16	22	23	17	15	23	10	16	10	14	18	212

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

3019

FORM A2.
BRITISH RAINFALL.
10 JAN 1912

ULVERSTON

POAKA - BECK

LANCASHIRE
1911 - 1920

RE 1911

Kept at ULVERSTON Poaka

in the County of Lan

by W Sym

lerfield & Kennedy

top 11·283 in.

p above Ground 1 ft. 6 in.

„ Sea Level 572 ft.

9 - 0 am

ation { Name Lindal
Distance Direction

IMPORTANT NOT ., and the result entered to the previous day. If an Ob t universal rule, he is earnestly requested to add the rea ing year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	–	–	·15	–	·09	–	·15	·20	–	–	·35	·28	1
2	·01	–	·10	–	·48	–	·01	·12	–	·14	·14	·32	2
3	–	–	·08	–	1·05	·02	–	–	–	–	·40	·41	3
4	–	–	·05	–	·01	–	·07	1·55	–	–	·61	·30	4
5	·22	–	·41	–	–	–	·01	·85	–	·01	·10	·12	5
6	·11	–	·01	–	–	–	–	·60	–	–	·25	·46	6
7	·13	–	·04	–	·30	–	–	–	–	–	·30	+	7
8	·04	–	·35	–	·01	–	–	–	–	–	·21	1·01	8
9	·10	–	–	–	–	–	–	–	–	–	·01	·60	9
10	·47	·32	·31	–	–	–	–	–	·18	–	–	1·00	10
11	·05	–	·05	–	–	–	–	·04	·23	–	·12	·03	11
12	–	–	·04	–	·01	–	–	–	·66	–	·12	–	12
13	·01	·24	–	–	·15	–	–	–	–	–	·27	·01	13
14	·05	·67	–	–	·01	–	–	–	–	–	·77	·33	14
15	·08	·38	–	–	·03	–	–	–	–	–	·46	·12	15
16	·06	·12	–	·09	·03	·23	·18	–	–	–	·23	·26	16
17	·01	·01	·01	–	–	1·11	·06	–	–	–	·58	·09	17
18	–	·28	–	·15	–	·10	·01	–	–	·03	·01	·36	18
19	–	·01	–	·16	–	·01	·01	–	1·10	·40	–	·54	19
20	·01	·29	–	·60	–	–	·25	·10	·23	·01	–	·34	20
21	·01	·64	–	·10	–	·41	·01	·01	–	·28	–	·10	21
22	·02	·08	–	·09	–	·06	–	–	–	·25	–	–	22
23	·06	·18	–	·04	·11	·11	·01	–	·59	·20	–	·35	23
24	·18	·27	–	·41	–	·50	–	·10	–	·37	–	·09	24
25	·01	·27	–	·18	–	·05	–	·01	·44	·45	–	·21	25
26	–	·03	–	·19	–	·04	–	·20	–	·64	·01	·18	26
27	–	·98	–	·20	–	·09	·11	·39	·43	–	·09	·32	27
28	–	·14	–	·78	–	·33	–	–	·31	–	·03	·50	28
29	–	X	–	·36	–	·24	·01	–	·88	1·62	·01	·31	29
30	–	X	–	·10	·09	·01	·10	–	–	·32	·14	–	30
31	–	X	–	X	·01	X	·01	·02	X	·08	X	·25	31
Total	1·63	4·91 4·91	1·60	3·45 3·45	2·38	3·31	1·00	4·19	5·05	4·80	5·21 5·21	8·89	Total for year 46·42
No. of Rain Days.	19	17	12	14	14	15	15	13	10	14	22	27	192

W. 8,000, X. '11.

3019

FORM A2.
BRITISH RAINFALL.
10 JAN 1912

RE [illegible] 1911

[illegible] Cerfield & Kennedy

Kept at ULVERSTON Poaka Beck

in the County of Lancashire N2

by W Fergusson

Rain Gauge: Diameter of top 11·283 in.
Height of top above Ground 1 ft. 6 in.
" " " Sea Level 512 ft.

Time of Observation 9-0 am

Nearest Railway Station: Name Lindal
Distance .... Direction ....

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	-	-	·15	-	·09	-	·15	·20	-	-	·35	·28	1
2	·01	-	·10	-	·48	-	·01	·12	-	·14	·14	·32	2
3	-	-	·08	-	1·05	·02	-	-	-	-	·40	·41	3
4	-	-	·05	-	·01	-	·07	1·55	-	-	·61	·30	4
5	·22	-	·41	-	-	-	·01	·85	-	·01	·10	·12	5
6	·11	-	·01	-	-	-	-	·60	-	-	·25	·46	6
7	·13	-	·04	-	·30	-	-	-	-	-	·30	+	7
8	·04	-	·35	-	·01	-	-	-	-	-	·21	1·01	8
9	·10	-	-	-	-	-	-	-	-	-	·01	·60	9
10	·47	·32	·31	-	-	-	-	-	·18	-	-	1·00	10
11	·05	-	·05	-	-	-	-	·04	·23	-	·12	·03	11
12	-	-	·04	-	·01	-	-	-	·66	-	·12	-	12
13	·01	·24	-	-	·15	-	-	-	-	-	·27	·01	13
14	·05	·67	-	-	·01	-	-	-	-	-	·77	·33	14
15	·08	·38	-	-	·03	-	-	-	-	-	·46	·12	15
16	·06	·12	-	·09	·03	·23	·18	-	-	-	·23	·26	16
17	·01	·01	·01	-	-	1·11	·06	-	-	-	·58	·09	17
18	-	·28	-	·15	-	·10	·01	-	-	·03	·01	·36	18
19	-	·01	-	·16	-	·01	·01	-	1·10	·40	-	·54	19
20	·01	·29	-	·60	-	-	·25	·10	·23	·01	-	·34	20
21	·01	·64	-	·10	-	·41	·01	·01	-	·28	-	·10	21
22	·02	·08	-	·09	-	·06	-	-	-	·25	-	-	22
23	·06	·18	-	·04	·11	·11	·01	-	·59	·20	-	·35	23
24	·18	·27	-	·41	-	·50	-	·10	-	·37	-	·09	24
25	·01	·27	-	·18	-	·05	-	·01	·44	·45	-	·21	25
26	-	·03	-	·19	-	·04	-	·20	-	·64	·01	·18	26
27	-	·98	-	·20	-	·09	·11	·39	·43	-	·09	·32	27
28	-	·14	-	·78	-	·33	-	-	·31	-	·03	·50	28
29	-	X	-	·36	-	·24	·01	-	·88	1·62	·01	·31	29
30	-	X	-	·10	·09	·01	·10	-	-	·32	·14	-	30
31	-	X	-	X	·01	X	·01	·02	X	·08	X	·25	31
Total	1·63	4·97 4·91	1·60	3·45 3·45	2·38	3·31	1·00	4·19	5·05	4·80	5·21 5·24	8·89	Total for year 46·42
No. of Rain Days.	19	17	12	14	14	15	15	13	10	14	22	27	192

W. 8,000, X. '11.

cod by own stats 14·III·13

3019

BRITISH RAINFALL. FORM A.

9 - JAN 1913

REGISTER OF RAINFALL IN 1912

Kept at Coaka Beck W

in the County of Lancashire N2

by W Ferguson

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·01	-	·39	-	·14	·26	·01	·06	·54	-	·01	·57	1
2	·16	·02	·68	·37	·15	·15	·14	·23	·08	-	-	·05	2
3	·33	-	·01	-	-	·60	-	·31	·64	-	·02	·45	3
4	·38	-	·48	·60	·04	·16	-	·95	·23	-	1·25	·04	4
5	·26	-	·10	-	·25	·05	-	·13	·40	·06	-	·01	5
6	·45	·30	-	-	·16	·01	-	·18	-	~~·06~~	-	·04	6
7	-	·31	·09	·10	·15	·20	·44	·06	·53	-	·29	·03	7
8	·76	·39	·11	·04	·09	-	[illegible]	-	·04	-	·48	·09	8
9	·10	·13	·15	·28	-	·04	-	-	-	-	·35	·45	9
10	·08	-	·01	-	·03	·42	·32	·18	-	-	·56	·06	10
11	·05	·05	·01	-	·09	[illegible]	·25	·08	-	-	-	·15	11
12	·33	·01	·80	-	-	·19	·06	-	-	-	-	·09	12
13	·12	-	·08	-	-	·05	-	·10	-	·95	-	·20	13
14	·34	-	·28	-	-	·23	-	·15	·04	[illegible]	-	·44	14
15	·25	·33	·01	-	·01	·18	-	·04	-	·10	-	·14	15
16	·83	·01	·35	-	·03	·06	-	·12	-	·65	·06	[illegible]	16
17	·22	·21	·20	-	·06	1·20	-	·58	-	[illegible]	·06	·38	17
18	·08	·14	·09	-	-	·24	-	·11	-	·31	·21	·25	18
19	·04	-	·42	-	-	·08	-	·73	-	·05	·33	·03	19
20	·04	-	·28	-	·46	·10	-	·22	-	·55	·04	·15	20
21	·0	·10	·33	-	-	·10	·09	·09	-	·39	-	·08	21
22	·04	·32	-	-	·19	·01	-	·50	-	[illegible]	·09	·01	22
23	-	·01	·15	-	-	·10	·38	·47	-	-	·21	·32	23
24	-	·12	·20	-	-	(·45) ~~·24~~	·22	·04	-	·10	·01	·30	24
25	-	·01	·10	-	-	·28	·04	·09	-	-	·41	·09	25
26	-	·21	·16	-	-	·06	·25	-	-	2·16	·10	·26	26
27	-	·04	·54	-	·03	·85	·50	-	-	·28	·04	·35	27
28	-	·14	-	-	-	·33	·23	·66	-	·46	·52	-	28
29	-	·04	·11	-	-	-	·20	·04	·45	·14	-	·08	29
30	-	X	·30	-	·14	·01	·14	-	·11	·09	-	·10	30
31	-	X	·25	X	·02	X	1·45	·55	X	-	X	·16	31
Total	4·90	2·92	6·68	1·39	2·04	6·41 ✓	4·75	6·70	3·06	6·29 ?	5·04	5·34	YEAR'S TOTAL 55·61 ✓
Rain Days.	20	20	28	5	14	24	16	25	10	14	19	29	230 ✓

W. 7,500, XI. ·12

Cmd. 3.IV.14

REGISTER OF RAINFALL IN 1913

FORM A. BRITISH RAINFALL.

3019

12 JAN 1914

Kept at Poaka Beck

in the County of Lancaster N 2

by W Ferguson

Lat. 54° 11' 35" Long. 3° 9' 50"

Time of Observation 9 am.

Nearest Railway Station Lindal

Diameter of Rain Gauge 11·283 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 512 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—·—	—·—	·17	—·—	—·—	—·—	—·—	—·—	—·—	—·—	·25	—·—	1
2	·14	·09	·58	—·—	——	·25	——	—·—	——	—·—	·30	·28	2
3	·11	·03	·15	·03	·71	—·—	—·—	—·—	——	·14	·05	·21	3
4	·50	·09	·06	—·—	—·—	—·—	·03	—·—	——	—·—	·28	·35	4
5	·26	·03	·07	—·—	·32	·09	·14	·01	—·—	·01	—·—	·09	5
6	·35	·18	·32	—·—	·42	·47	·52	—·—	—·—	———	·12	·01	6
7	·07	·36	·11	—·—	·22	·30	·02	—·—	—·—	·58	·07	·19	7
8	—·—	·22	·12	—·—	·09	·02	·05	·05	—·—	—·—	·10	·23	8
9	—·—	·40	·26	·14	·18	·41	——	·06	—·—	—·—	·21	·15	9
10	·05	·54	·40	·20	·01	·04	——	—·—	·04	·24	·26	—·—	10
11	·44	—·—	—·—	·30	——	·10	·24	—·—	—·—	·11	·29	·16	11
12	·05	—·—	—·—	·05	——	—·—	·04	·06	·39	·01	·31	·10	12
13	—·—	—·—	·22	·05	·05	—·—	·08	——	·20	·17	·28	—·—	13
14	·05	—·—	·07	·08	——	—·—	——	·01	·09	·87	·03	·40	14
15	·05	—·—	·16	1·10	—·—	—·—	——	——	·01	——	·13	·07	15
16	—·—	—·—	—·—	·21	—·—	—·—	·08	——	—·—	—·—	·22	—·—	16
17	·07	—·—	·01	·18	·13	·14	·08	—·—	—·—	—·—	·48	—·—	17
18	·10	—·—	·49	·22	·01	·25	·04	——	—·—	·03	·11	——	18
19	·15	—·—	·05	·17	·52	·35	——	—·—	·01	·23	·14	—·—	19
20	—·—	—·—	—·—	·17	·06	·12	·01	·14	·10	·11	·58	—·—	20
21	—·—	—·—	·11	—·—	·12	—·—	·26	·69	—·—	·30	—·—	—·—	21
22	·75	—·—	·68	——	·12	·04	———	·57	·21	—·—	—·—	—·—	22
23	·59	—·—	·03	—·—	·28	·35	—·—	·12	·43	·19	·18	·21	23
24	·28	·09	—·—	·17	·01	—·—	—·—	—·—	—·—	——	·16	·02	24
25	—·—	—·—	—·—	·11	—·—	—·—	—·—	—·—	·77	·06	·08	·39	25
26	—·—	·12	—·—	·66	——	·03	—·—	——	·34	·14	·17	·54	26
27	—·—	—·—	—·—	·31	——	·05	—·—	——	——	·29	·13	·08	27
28	·66	—·—	·20	·24	·12	·04	—·—	—·—	—·—	·12	—·—	—·—	28
29	—·—	X	·16	·59	·02	—·—	—·—	·13	—·—	·38	·10	—	29
30	·64	X	—·—	——	·06	—·—	—·—	·01	—·—	—·—	·05	—	30
31	·05	X	—·—	X	—·—	X	—·—	—·—	X	·08	X	—	31
Total	5 3 6 5·36	2·15	4·42	4·98	3·45	3·05	1·59	1·85	2·59	4·06	5·08	3·48	YEAR'S TOTAL 42·06
Rain Days.	20	11	21	19	19	17	13	11	11	19	26	17	204

W.7,000, XI. 13

Ex M9

3019

FORM A.
BRITISH RAINFALL.
5 - JAN 1915

REGISTER OF RAINFALL IN 1914

Kept at Poaka Beck

in the County of Lancaster N 2

by W^m J Ormandy W Fergusson (Barrow Corporation Water Works)

Lat. Long.

Time of Observation 9. 0 am

Nearest Railway Station Lindal

Diameter of Rain Gauge 11·283 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 512-0 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	–	·11	·18	–	–	·15	·31	·28	–	–	–	·13	1
2	·06	·18	·06	·01	–	·01	·69	·11	–	·20	·26	·14	2
3	·25	·08	·27	–	·73	–	–	–	–	·07	–	·98	3
4	·22	–	·15	·33	·07	–	·06	–	–	–	·01	·23	4
5	·03	·01	·49	·04	·09	·01	·52	–	–	–	·25	·30	5
6	–	·05	·02	·10	·18	·16	–	·18	–	–	–	·17	6
7	·10	·01	·29	·03	·17	·02	–	·15	–	·05	·10	–	7
8	1·76	–	·11	–	·34	·06	–	1·68	·30	·07	·18	·12	8
9	·42	·32	·01	·09	–	·11	–	–	·01	–	·30	–	9
10	·01	·28	–	–	·09	–	–	–	·17	–	·09	–	10
11	–	·18	·50	·01	·01	–	·55	–	·12	–	·86	·23	11
12	–	·44	·15	–	·12	–	·14	–	·64	–	·41	·14	12
13	–	·32	·33	·04	–	–	–	–	·35	·14	·21	·23	13
14	–	·20	·18	–	–	–	·10	–	·01	·01	·50	·32	14
15	–	·01	·39	–	–	–	–	–	·29	–	·09	–	15
16	–	–	·02	–	–	–	1·64	–	1·32	–	–	–	16
17	–	·58	·13	–	–	–	·66	–	·54	·04	–	1·10	17
18	–	·20	·14	–	–	–	·12	–	·03	·08	–	·16	18
19	–	·01	–	–	–	–	·43	–	·09	–	·01	·35	19
20	–	·30	·01	–	·07	·36	–	–	–	–	–	·05	20
21	–	·07	–	–	·01	·05	–	·01	–	·08	–	–	21
22	–	·52	–	·01	·19	·27	·01	·37	–	·03	–	–	22
23	–	·05	·28	·14	·26	–	·12	·06	–	–	–	–	23
24	·55	–	·16	·23	·04	·01	·27	·07	–	–	·58	–	24
25	·02	–	·02	–	·02	–	·28	·57	–	·82	·30	·72	25
26	–	·09	–	–	–	–	·05	·01	–	·23	·20	·28	26
27	·09	·10	–	–	–	·12	–	–	·05	·30	·30	·10	27
28	·08	·27	·39	–	·06	·09	·10	·36	·01	–	·38	·01	28
29	·17	×	·11	–	·20	–	–	·29	–	–	·14	·05	29
30	·01	×	·32	–	–	–	–	–	–	–	·20	·40	30
31	·25	×	·01	×	·01	×	·64	–	×	·21	×	·02	31
Total	4·02	4·38	4·72	1·03	2·66	1·42	6·59	4·14	3·93	2·33	5·37	6·23	YEAR'S TOTAL 46·92
Rain Days.	15	23	25	11	18	13	18	13	14	14	20	22	206

W. 8,000. X. 14.

206

3180

3019

FORM A. BRITISH RAINFALL.

4. JAN 1916

corrd by mean stats 10.IV.16

REGISTER OF RAINFALL IN 1915

Kept at Poaka Beck

in the County of Lancashire N

by J Chadderton

Lat. Long.

Time of Observation 9 am

Nearest Railway Station Lindal

Diameter of Funnel of Rain Gauge 11·283 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 512. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·18

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·45	·60	–	–	·10	–	·25	·42	–	–	–	·01	1
2	·09	60	·63	·30	–	·30	·68	·31	–	·02	–	–	2
3	·03	·38	·30	·80	–	–	·46	·01	·01	–	·01	·45	3
4	·07	·27	·18	–	·12	·24	–	–	–	–	–	·42	4
5	·20	·20	·26	–	·30	–	–	·10	–	–	–	1·50	5
6	·55	·21	–	·33	–	·20	·90	·05	·24	–	·03	·38	6
7	·33	·54	–	·01	–		·46	·29	–	–	·01	·05	7
8	·10	·38	–	·10	–		·03	·38	–	–	·83	–	8
9	–	·19	–	–	–		·06	·08	–	–	·32	Snow ·74	9
10	·68	–	·20	·20	–		·07	·03	–	–	–	·70	10
11	·07	–	–	–	·66		·22	–	–	–	·01	38	11
12	·67	·01	–	·07	·01		–	·07	–	·14 ~~·14~~	Snow ·21	–	12
13	·04	–	–	·14	–		·21	09	–	·14	–	·20	13
14	·27	–	–	·12	–		·23	·86	·13	·01	–	·17	14
15	·45	–	–	·04	–		·32	·25	·14	–	·49	·78	15
16	–	·55	–	–	·05		–	·24	·08	–	–	–	16
17	–	·26	·01	·01	–		·25	–	·01	–	–	–	17
18	·01	·39	·12	·13	–		·01	–	–	–	–	–	18
19	·05	·07	·14	–	·13		·06	–	–	·05	–	–	19
20	·20	·01	·07	·22	·01		·56	·02	–	–	–	·50	20
21	·02	·15	–	–	–		·08	–	–	–	–	·28	21
22	–	–	·15	·01	–	·14	–	–	–	·05	–	·57	22
23	–	·05	·28	–	–	·12	·05	–	·10	·72	–	·30	23
24	–	–	·14	–	–	–	·32	–	·48	·27	–	·60	24
25	–	–	–	–	–	·05	·52	–	·06	–	–	·26	25
26	–	·98	–	–	–	·12	·14	–	–	–	–	51	26
27	–	·01	–	–	–	·06	–	–	–	·88	·05	·48	27
28	–	·09	–	–	·06	·04	–	·28	–	·19	–	·01	28
29	–	X	–	–	·09	–	–	·01	–	–	·55	·22	29
30	·31	X	–	·40	–	·02	–	·01	–	–	·10	–	30
31	·10	X	–	X	–	X	–	·86	X	·14	X	·72	31
Total	4·69	5·94	2·48	2·88	1·53	1·29	5·88	4·36	1·25	2·61	2·61	10·17	YEAR'S TOTAL 45·69
Rain Days.	20	20	12	15	10	10	21	19	9	11	11	23	181

W. 8,000. X. 15.

3109

BRITISH RAINFALL. FORM A. 3019

REGISTER OF RAINFALL IN 1916

Kept at Poaka Beck Reservoir

in the County of Lancashire

by W. J. Chadderton

Lat. Long.

Time of Observation 9·0 am

Nearest Railway Station Lindal

Diameter of Funnel of Rain Gauge 11·283 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 512 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·18	·22	·01	–	–	·27	·75	·09	–	–	·27	–	1
2	·20	·23	-	–	–	·16	-	-	·50	·22	·06	·08	2
3	·05	·10	-	·10	·01	·25	-	-	1·10	·35	·35	·06	3
4	·24	·33	-	–	·60	·76	-	-	–	·76	·48	–	4
5	·38	·48	–	–	·20	·23	–	-	–	·68	·65	–	5
6	·55	·16	–	–	·50	–	·40	–	–	·23	·28	·07	6
7	·22	·16	–	–	·16	·20	·57	–	–	·50	·25	·36	7
8	·02	·07	–	–	–	·26	-	-	–	·05	·18	·10	8
9	·10	–	–	–	·44	·43	·12	–	–	–	·10	·22	9
10	·14	·33	-	·30	·03	·04	·20	–	–	·35	·29	–	10
11	·15	·22	–	·58	·04	–	·60	–	·15	·25	·05	·04	11
12	·12	·20	·07	·09	·55	–	·65	·10	·10	·20	·08	–	12
13	-	·17	·15	·07	·01	–	–	·15	–	·89	·02	·01	13
14	·08	·17	–	·11	·71	–	–	·35	·22	·20	-	-	14
15	–	·53	·53	·15	–	–	·22	·42	·17	·42	–	–	15
16	·10	·13	·09	·66	–	–	·10	·60	·03	·06	–	–	16
17	·36	·24	-	·67	–	–	·10	–	1·26	·35	–	·28	17
18	·03	·44	–	·13	–	-	·01	·17	·58	·15	·22	·35	18
19	·25	–	·25	·08	–	-	–	·16	-	-	·15	·40	19
20	·36	–	·22	·12	–	–	-	–	–	–	·28	·18	20
21	·24	–	–	·11	·23	–	·06	–	·01	–	·21	–	21
22	–	–	–	–	-	·22	–	–	–	·25	·01	·05	22
23	·04	–	·21	·18	-	·06	·10	·01	–	·68	·52	·30	23
24	–	–	–	·17	–	·23	-	·39	–	·11	·02	·08	24
25	–	–	·12	·01	·43	·19	-	·19	·07	·15	·44	·06	25
26	·23	–	·10	–	–	·03	–	-	·23	·14	·10	-	26
27	–	–	–	–	·05	·74	-	-	·17	·31	·08	·02	27
28	·23	–	–	–	–	–	–	-		·45	·21	·61	28
29	·07	·16	-	–	–	·02	~~0~~	-	-	·42	·38	·28	29
30	·10	X	-	–	–	–	·05	-	–	·83	·19	·11	30
31	–	X	-	X	1·00	X	-	·08	X	·26	X	·33	31
Total	4·44	4·38	1·75	3·53	4·96	4·09	3·93	2·71	4·59	9·26	5·87	3·93	YEAR'S TOTAL 53·40
Rain Days.	24	18	10	16	15	16	14	12	13	26	26	21	211

W. 8,000, VIII. 16

FORM A. BRITISH RAINFALL.

25. JAN 1918

3019

REGISTER OF RAINFALL IN 1917

Kept at Poaka Beck

in the County of Lancaster

by J. Chadderton

Lat. Long.

Time of Observation 9·0 am

Nearest Railway Station Lindal

Diameter of Funnel of Rain Gauge 11·283 in.

Height of top of Gauge above Ground 1 ft. 6 in.

„ „ „ „ Sea Level 512 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·10	-	·10	-	-	·01	-	-	·48	-	·16	·04	1
2	·46	-	·04	·02	-	-	-	·03	-	-	·10	-	2
3	·15	·15	-	-	-	·55	-	-	·05	·52	·13	·01	3
4	·01	·09	·01	-	-	-	-	-	-	·19	·08	·13	4
5	·52	-	·11	·07	-	-	-	-	-	·12	·61	·24	5
6	·10	-	-	-	-	·20	-	-	-	·45	·32	·18	6
7	·72	-	-	-	-	·51	-	-	-	·80	·14	·23	7
8	·05	-	-	·10	-	·01	-	·50	·09	·83	·67	·25	8
9	-	-	-	snow ·15	-	-	-	·60	-	·35	·64	-	9
10	·54	-	·81	snow ·20	·24	-	-	·30	-	·05	-	-	10
11	·06	·02	-	-	·22	-	-	·25	·05	1·15	·14	-	11
12	-	-	·12	-	·72	-	-	·07	·05	·54	-	·24	12
13	-	-	-	·10	·01	·09	·10	·24	·88	·03	·28	·40	13
14	-	-	-	·09	·09	-	-	·05	-	·10	-	·15	14
15	-	-	-	·08	-	-	·09	-	·48	·60	·01	·01	15
16	-	·03	·06	·23	-	-	-	1·20	·16	·50	-	-	16
17	-	·18	·18	·76	·12	-	·08	1·73	·10	·15	·28	·14	17
18	-	·16	·14	·08	·24	-	·94	·11	·58	·08	·20	·32	18
19	-	·30	·41	·11	·67	-	-	·01	-	-	·05	·20	19
20	-	·49	-	-	·21	·93	-	·38	·16	·02	1·26	·58	20
21	-	·10	·09	-	·38	·08	-	·11	·09	·05	·04	-	21
22	-	·01	-	-	-	·01	-	·15	·16	·52	·15	·17	22
23	-	·35	-	-	·42	·40	·06	·26	·16	·40	·01	·04	23
24	-	-	-	-	-	·05	·24	·10	·04	·84	·18	-	24
25	-	·15	·101	-	·06	-	-	·19	·74	·08	·01	-	25
26	-	-	-	-	-	-	·10	1·44	·74	·10	1·97	-	26
27	-	-	·24	-	·30	-	·28	·70	-	·32	·09	-	27
28	-	·09	·24	-	-	-	-	·14	-	·08	-	-	28
29	-	X	·14	-	-	-	·16	·14	-	·58	-	-	29
30	-	X	·23	-	-	-	-	·04	-	·20	·14	-	30
31	-	X	·25	X	·48	X	-	·57	X	-	X	-	31
Total	2·71 ✓	2·12 ✓	3·27 ✓	1·99 ✓	4·16 ✓	2·84 ✓	2·05 ✓	9·31 ✓	5·01 ✓	9·65 ✓	7·66 ✓	3·33 ✓	YEAR'S TOTAL 54·10 ✓
Rain Days.	10 ✓	13 ✓	17 ✓	12 ✓	14 ✓	11 ✓	9 ✓	24 ✓	17 ✓	27 ✓	24 ✓	17 ✓	195 ✓

W. 8,000, IX. 17.

Hcd 376 Cty surv. stats 11

3019

REGISTER OF RAINFALL IN 1918

FORM A. BRITISH RAINFALL.

21 7 19

Kept at Poaka Beck

in the County of N. Lancaster

by

Lat. Long.

Time of Observation 9 am

Nearest Railway Station Lindal

Diameter of Funnel of Rain Gauge 11·283 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 512 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	-	·45	-	·02	-	-	-	-	·42	·28	·57	·97	1
2	-	·07	-	·08	·68	-	-	-	·22	·10	·27	·98	2
3	-	·10	-	-	·29	-	-	-	-	·81	·12	·15	3
4	·04	·15	-	-	·28	-	-	·01	·24	·56	·25	·09	4
5	·03	·08	·01	·14	-	-	-	1·10	-	·43	·01	·12	5
6	·01	·86	-	·58	·01	·74	-	·06	·18	·39	-	-	6
7	-	·12	-	·01	-	-	·47	·24	·32	·10	·29	·15	7
8	·25	-	·09	-	-	-	·24	·12	·52	·28	·01	·06	8
9	·24	·46	·03	·08	-	·38	·25	-	·64	·84	·05	·03	9
10	·08	·40	·44	·26	·22	-	·04	-	·62	·67	·33	·17	10
11	·33	·30	·18	-	·10	-	·20	-	·20	-	-	·45	11
12	·02	·68	-	·08	·26	·04	-	-	·17	-	-	·40	12
13	·01	-	-	·12	·01	-	-	-	·27	·49	-	·02	13
14	·82	-	-	-	-	·06	·51	·11	2·54	·05	-	·15	14
15	-	-	-	-	-	·24	·57	·01	1·10	·04	-	·28	15
16	·03	·14	-	-	-	·22	·24	·36	-	-	-	·09	16
17	·60	-	-	-	-	·07	·40	·24	·22	·14	-	·52	17
18	·53	·11	·19	-	-	·20	·42	·04	·12	·02	-	·40	18
19	·28	·22	·30	-	·15	-	·12	·45	·05	·06	-	·98	19
20	·50	·44	·03	·29	-	·38	·50	-	·38	-	-	·01	20
21	·38	·15	-	-	·41	·19	·03	-	1·64	·05	-	·11	21
22	·24	-	-	-	·27	·04	·56	-	·36	·04	-	·96	22
23	·35	-	-	-	-	-	·21	-	·05	·01	·03	·28	23
24	·40	·10	-	-	·37	-	-	·36	·35	·14	·14	·19	24
25	·05	·02	-	-	-	·21	·26	·92	·24	-	·05	-	25
26	-	·10	-	-	-	-	·07	·05	·60	·16	·36	·44	26
27	-	·17	·48	-	-	·35	·01	·74	·13	·14	·24	·01	27
28	-	·04	·16	-	-	-	-	-	·21	·05	·14	·74	28
29	-	X	-	-	-	-	-	·09	·05	-	-	·55	29
30	-	X	·39	-	-	-	-	·26	·02	-	·76	·26	30
31	-	X	·18	X	-	X	-	·14	X	·26	X	·12	31
Total	5·19	5·16	2·48	1·66	3·05	3·12	5·10	5·30	11·84	6·07	3·56	9·88	YEAR'S TOTAL 62·44
Rain Days	20	21	12	10	12	13	18	18	27	23	16	29	219

W. 6,500, VII. 18. w w c

Section **A** **for the entry of Daily Observations** **Station No.** 3019

METEOROLOGICAL OFFICE

METFORM 1090
(Rev. Feb. 1965)

REGISTER OF RAINFALL IN 19~~6~~19

Kept at POAKA BECK

in the County of

Diameter of funnel of gauge .... in.

Height of top of gauge above ground .... ft. .... in.

Height of ground above sea level .... ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph. **Please read Notes and Instructions Overleaf**

Jan. 1, following

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2														2
3														3
4														4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12
13														13
14														14
15														15
16														16
17														17
18														18
19														19
20														20
21														21
22														22
23														23
24														24
25														25
26														26
27														27
28														28
29														29
30		X												30
31		X		X		X			X		X			31
TOTAL	7·81	2·06	5·69	3·02	2·20	2·09	1·08	4·67	4·79	2·90	3·65	7·46	Year's Total	
*Days with .01 in. or more.														
*Days with .04 in. or more.														

*See Instruction 3(*g*) on other side. †Spare column, no entries required, except year's total.

(*Signed*) .... (P.T.O.)

2691

3019

C 4d Cu

28

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Poaka Beck

in the County of Lancaster

by J. Chadderton Engineer & Manager

Lat. Long.

Time of Observation 9 0 am

Nearest Railway Station Lindal

Diameter of Funnel of Rain Gauge 11·283 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 512 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	–	·21	·27	·81	·01	·38	·05	·12	·14	–	·23	1
2	·05	–	–	·08	·07	–	–	–	·92	·18	–	·60	2
3	·10	·40	·36	·10	·19	–	·03	·25	·45	·40	–	·36	3
4	–	–	–	·08	·05	–	·18	1·50	·06	·55	–	–	4
5	–	–	·38	–	1·10	–	·10	·28	·15	·56	·01	–	5
6	·11	–	·41	·50	·55	–	–	–	–	·07	·02	–	6
7	·16	·16	·05	·05	·01	–	·23	–	·04	–	·21	–	7
8	·18	·02	–	·21	·12	–	·39	·54	·02	–	1·14	·02	8
9	·22	·38	·19	·55	–	–	·06	–	·15	–	·06	·02	9
10	·92	·24	·13	·67	–	–	·22	–	–	–	–	·01	10
11	·09	·01	·10	–	·51	·30	–	–	–	–	–	–	11
12	·33	·38	·37	·36	·05	·15	·36	–	·27	–	·18	·06	12
13	·23	·05	·24	·33	·15	·40	·01	–	–	–	·10	·18	13
14	·16	·49	·08	·58	–	·43	·90	–	·75	·15	·70	–	14
15	·05	·21	–	·43	–	–	·04	–	–	·33	·19	–	15
16	·02	·01	·21	·12	·19	·25	·62	–	·74	·01	·20	–	16
17	·10	–	·15	–	·37	·18	·01	·27	·31	–	–	–	17
18	·64	–	–	·09	·28	·03	–	–	·04	–	–	–	18
19	·10	·78	–	·23	·06	·23	·35	–	–	–	·01	–	19
20	·38	–	·01	·19	–	·02	·05	–	·35	–	–	·40	20
21	·03	–	–	·05	–	–	·20	–	–	·02	–	·18	21
22	·37	–	–	·52	–	·04	·91	·10	–	–	–	–	22
23	·57	–	·31	·71	–	–	·46	–	–	–	–	·30	23
24	·18	–	·98	·15	–	·15	·12	–	–	–	–	·37	24
25	–	·10	·23	·20	–	·05	·52	–	·01	–	–	–	25
26	·29	·13	·91	·31	–	–	·01	–	·10	–	·15	·11	26
27	·10	·01	·55	·05	·39	·74	·15	–	–	–	·20	·04	27
28	·20	·15	·38	·10	·03	·24	·43	–	–	–	·02	·39	28
29	·16	·14	·14	–	·16	–	·50	–	–	–	·35	·61	29
30	·39		·43	–	·12	·09	–	–	·35	–	·16	·64	30
31	·17		·15		·30		·07	–		·02		·15	31
Total	6·30	3·66	6·97	6·93	5·51	3·31	7·30	2·99	4·81	2·43	3·70	4·67	YEAR'S TOTAL 58·58
Days with ·01 in. or more	27	17	23	25	20	16	26	7	17	11	16	18	223
Days with ·04 in. or more	25	13	22	25	18	13	22	7	15	8	12	15	195

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

METFORM 1090
(*Revised Feb. 1965*)

B

Monthly Summary

3019

To be filled and returned
to DR. H. R. MILL, *Director*,
BRITISH RAINFALL ORGANIZATION,
62 CAMDEN SQUARE, LONDON, N.W. 1.
Copies of this form will be supplied with pleasure.

FORM B.
BRITISH RAINFALL

RAINFALL IN 1919

At Pooka Beck

In the County of Lancaster

Rain Gauge

Diameter of Funnel 11.283 in.

Height of Top — *Above Ground* 1 ft. 6 in.

Height of Top — *Above Sea Level* 512 ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 or more recorded.
	Inches.	Inches.	Date.	
JAN.	7.81	1.52	1	23
FEB.	2.06	·60	19	9
MAR.	5.69	1.15	19	14
APR.	3.02	·42	7 4.15	17
MAY	2.20	·40	5	13
JUNE	2.09	·81	19	19
JULY	1.08	·28	31	8
AUG.	4.67	1.08	25	16
SEPT.	4.79	2.00	1	19
OCT.	2.90	1.30	23	13
NOV.	3.65	·77	17	15
DEC.	7.46	·82	30	24
Total	47.42	1204		190

Signed

[*Please fill in the other side also.*

W. 16,000. ix.17.

C

Particulars of Station

Every observer is requested to fill in this section as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

National Grid Reference .... / ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ...				
Directions from gauge				

f gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

If you know of any record of rainfall not quoted in British Rainfall, please give the bserver's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR

In giving particulars of falls of unusual intensity it is desirable that answers to the llowing questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of the beginning and end of this fall?
(c) When was the measurement made?

NOTES ON SNOWFALL

INSTRUCTIONS

gauges read
on A cannot
ıfall registers
ogical Office,
M.O.3b., London Road, Bracknell, Berkshire or, in the case of Scottish stations, to The Superintendent, Meteorological Office, 26, Palmerston Place, Edinburgh, 12, and, for stations in Northern Ireland to, The Senior Meteorological Officer, Meteorological Office, Tyrone House, Ormeau Avenue, Belfast, 2.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers", to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules shuld be observed. Those rules which apply *also* to the summary form above are printed in *italic* type:—

(a) *Rain should be measured each morning preferably at 9 a.m. Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not .00). The entry "trace" or "tr." is to be made in the following two cases, (A) and (B).
  (A) When there is less than .005 in. of water in the gauge and the observer is reasonably certain that there has actually been precipitation since the preceding measurement.
  (B) The observer knows definitely from his own observation that precipitation has fallen since the preceding observation, and yet finds no water in the gauge. Sometimes in dry, warm weather a small amount of rain may evaporate before it gets into the bottle.

(c) *On some measures there is a graduation marked .005. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .005 mark or between this .005 and the .01 mark are to be entered as .01.* An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket.

(e) When measurements are obtained by melting snow which has collected in the gauge, observers are asked to indicate this fact by entering a small "s" against the readings. In addition to the total entry for the day and "s", it is helpful to add (*a*) the amount of water (i.e. actual rain or thawed snow) already inside the gauge; (*b*) the amount of unmelted snow which had to be converted into water at the time of the observation, and (*c*) the depth of fresh undrifted snow *in inches*. This can be added in the form (*a*). 10; (*b*). 20; (*c*). 2. If necessary these details, with the date, can be given in the space available at the foot of Section C or on a separate sheet of paper. This information is valuable in relation to flood investigations.

(*f*) The arithmetic giving monthly totals from daily values, and values copied from original registers, should be checked.

(*g*) *The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.*

(*h*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*i*) The heaviest daily fall for each month should be underlined.

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Price 3d. net (*excluding purchase tax*)

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40-9999

911

2830

FORM A2.
BRITISH RAINFALL.
3 - JAN 1912

RE

URMSTON.

SEW WKS DAVYHULME

LANCASHIRE

1911 - 13 - 20

Kept at Manche
Sew
...p 8 in.
...bove Ground 2 ft. 2 in.

in the County of L
„ Sea Level 72·4 ft.

9 AM

by A B Ogd

...n { Name Urmston
Distance 1½ miles Direction South

IMPORTANT NOT... ...nd the result entered to the previous day. If an Ob... ...niversal rule, he is earnestly requested to add the rea... ...year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	–	–	·270	–	·025	–	·010	–	–	–	·275	–	1
2	Trace	–	·080	–	·085	–	–	·020	–	·100	·080	·165	2
3	–	–	Trace	–	·300	–	–	–	·050	Trace	·180	·015	3
4	–	–	·170	–	Trace	–	–	·045	·140	Trace	·360	·120	4
5	·240	–	·035	Snow Trace	–	–	–	·350	–	·025	–	Trace	5
6	·260	–	Trace	–	–	–	–	·240	–	·065	·350	·200	6
7	·010	–	–	–	–	–	–	–	–	–	·140	·090	7
8	·160	–	·245	–	–	–	Trace	–	–	–	·015	·530	8
9	Trace	–	–	–	–	–	–	–	–	–	–	·020	9
10	·140	·080	·040	–	–	–	–	–	·050	–	–	·400	10
11	·105	–	–	–	–	–	–	–	·065	–	–	·055	11
12	–	Trace	·190	–	–	–	–	–	1·390	~~·645~~	·645	Trace	12
13	–	Trace	–	Trace	·060	–	–	–	–	–	·135	·405	13
14	·050	·380	–	–	·080	–	–	–	–	–	·050	·235	14
15	–	·180	–	Trace	–	–	–	–	–	–	·030	·320	15
16	Trace	·270	·020	Trace	–	·115	·010	–	–	–	·110	·080	16
17	–	–	–	–	–	·205	–	·020	–	–	·140	·085	17
18	–	·190	–	–	–	·085	–	·040	–	·020	–	·105	18
19	–	·100	–	·080	–	·205	·050	–	·240	·310	–	·095	19
20	–	·235	–	·215	–	·010	·130	·885	·275	·035	–	·420	20
21	–	·440	·015	–	–	·015	·125	·070	–	·045	–	Trace	21
22	·060	Trace	–	·030	–	·020	–	–	–	·385	·050	·115	22
23	–	·215	·020	Trace	Trace	·150	–	–	·105	·025	–	·260	23
24	·020	·085	–	·170	–	·860	–	·035	–	·150	–	·080	24
25	–	·190	–	·200	–	·135	·200	–	·460	·050	·050	·260	25
26	–	·020	–	·240	Trace	·060	·015	·020	–	·400	–	·420	26
27	–	·120	–	·570	–	Trace	–	·650	·540	–	·020	·110	27
28	–	·170	–	·190	–	·125	–	·020	·070	–	Trace	·385	28
29	–	–	–	·405	–	·065	·015	–	·415	·390	Trace	·140	29
30	–		–	·090	·105	·175	–	–	–	·375	–	·010	30
31	–		·020		–		–	–		·075		·030	31
Total	1·045	2·675	1·105	2·190	·655	2·225	·555	2·395	3·800	2·450	2·630	5·150	TOTAL for year 26·875
No. of Rain Days.	9	14	11	10	6	14	8	12	12	15	16	27	= 154

W. 8,000, X. '11.

2830
FORM A2.
BRITISH RAINFALL.
3 - JAN 1912

REGISTER OF RAINFALL IN 911

Kept at Manchester Corporation Sewage Works
in the County of Lancaster. S3
by A B Ogden M.R.Met Soc

RAIN GAUGE
Pattern
Diameter of top 8 in.
Height of top above Ground 72 ft. 2 in.
" " " Sea Level 72·4 ft.
Time of Observation 9 AM
Nearest Railway Station
Name Urmston
Distance 1½ miles Direction South

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	–	–	·270	–	·025	–	·010	–	–	–	·275	–	1
2	Trace	–	·080	–	·085	–	–	·020	–	·100	·080	·165	2
3	–	–	Trace	–	·300	–	–	–	·050	Trace	·180	·015	3
4	–	–	·170	–	Trace	–	–	·045	·140	Trace	·360	·120	4
5	·240	–	·035	Snow Trace	–	–	–	·350	–	·025	–	Trace	5
6	·260	–	Trace	–	–	–	–	·240	–	·065	·350	·200	6
7	·010	–	–	–	–	–	–	–	–	–	·140	·090	7
8	·160	–	·245	–	–	–	Trace	–	–	–	·015	·530	8
9	Trace	–	–	–	–	–	–	–	–	–	–	·020	9
10	·140	·080	·040	–	–	–	–	–	·050	–	–	·400	10
11	·105	–	–	–	–	–	–	–	·065	–	–	·055	11
12	–	Trace	·190	–	–	–	–	–	1·390	~~·645~~	·645	Trace	12
13	–	Trace	–	Trace	·060	–	–	–	–	–	·135	·405	13
14	·050	·380	–	–	·080	–	–	–	–	–	·050	·235	14
15	–	·180	–	Trace	–	–	–	–	–	–	·030	·320	15
16	Trace	·270	·020	Trace	–	·115	·010	–	–	–	·110	·080	16
17	–	–	–	–	–	·205	–	·020	–	–	·140	·085	17
18	–	·190	–	–	–	·085	–	·040	–	·020	–	·105	18
19	–	·100	–	·080	–	·205	·050	–	·240	·310	–	·095	19
20	–	·235	–	·215	–	·010	·130	·885	·275	·035	–	·420	20
21	–	·440	·015	–	–	·015	·125	·070	–	·045	–	Trace	21
22	·060	Trace	–	·030	–	·020	–	–	–	·385	·050	·115	22
23	–	·215	·020	Trace	Trace	·150	–	–	·105	·025	–	·260	23
24	·020	·085	–	·170	–	·860	–	·035	–	·150	–	·080	24
25	–	·190	–	·200	–	·135	·200	–	·460	·050	·050	·260	25
26	–	·020	–	·240	Trace	·060	·015	·020	–	·400	–	·420	26
27	–	·120	–	·570	–	Trace	–	·650	·540	–	·020	·110	27
28	–	·170	–	·190	–	·125	–	·020	·070	–	Trace	·385	28
29	–	–	–	·405	–	·065	·015	–	·415	·390	Trace	·140	29
30	–		–	·090	·105	·175	–	–	–	·375	–	·010	30
31	–		·020		–		–	–		·075		·030	31
Total	1·045	2·675	1·105	2·190	·655	2·225	·555	2·395	3·800	2·450	2·630	5·150	TOTAL for year 26·875
No. of Rain Days.	9	14	11	10	6	14	8	12	12	15	16	27	= 154

W. 8,000, X. '11.

[illegible] 3.IV.14

2830

BRITISH RAINFALL. FORM A.

4 - JAN 1914

REGISTER OF RAINFALL IN 1913

BR

Kept at Davyhulme Manchester Corporation Sewage Works

in the County of Lancaster 53

by Manchester Corporation A B Ogden

Lat. Long.

Time of Observation 9 0 am.

Nearest Railway Station Urmston

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 2 ft. 2 in.

" " " " Sea Level 72·43 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. Trace

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·025	·105 ·015	·180	·015	—	—	—	—	—	—	·09	Trace	1
2	Trace			—	—	·065	—	—	—	—	·02	Do.	2
3	·040	—	·150	—	·580	—	—	—	—	—	—	·490	3
4	·640	·275	—	—		·035	Trace	—	—	·040	·025	·460	4
5	·140	·030	·070	—	·005	·130	·480	—	—	Trace	Trace	·050	5
6	·055	·070	·140	—	·480	·060		—	—	·020	—	·020	6
7	—	·100	·040	—	·180	—	—	—	—	·460	·115	·030	7
8	—	·120	·130	—	Trace	·250	—	·300	Trace	·030	·010	—	8
9	—	·260		·075	·105	·400	·050	·110	—	—	·130	·180	9
10	—	Trace	·055	·240	·010	—	·015	—	·020	·020	Trace	Trace	10
11	Snow. ·505	Do.	—	·320	—	·200	—	—	—	·040	·065	·045	11
12		Do.	—	—	·015	—	—	—	·040	Trace	·290	·025	12
13	—	—	·430	—	—	Trace	·050	·070	—	·040	·265	—	13
14	·065	—	·150	·090	—	—		·045	·080	·300	·370	·050	14
15	—	—	·140	·320	—	—	—	·020	·060	Trace	·330	·055	15
16	Trace	—		·050	—	—	Trace	Trace	—	Trace		—	16
17	Do.	—	—	·150	·160	Trace	Trace	—	·180	Trace	·160	—	17
18	·020	—	·180	·175		Trace	·120	—	—	—	·120	—	18
19	·045	—	·040	·070	Trace	·070	·025	—	·140	·060	·140	—	19
20	·075	—	·790		—	—		—	Trace	·150	·325	—	20
21	—	—		—	·140	—	·070	·060	Trace	—	·020	—	21
22	·505	—		—	—	·050	—	·730	·280	—	Trace	—	22
23	·070	—	—	—	·110	·150	—	·290	·140	—	·150	·035	23
24	·250	·035	—	·065	—	·230	—	—	—	—	·090	1·200	24
25	—	—	—	·040	—	—	—	—	·440	·040	·010		25
26	—	·090	Trace	1·240	—	Trace	—	·010	·080	Trace	—		26
27	—	Trace	—		—	Trace	—	—	—	·160	Trace		27
28	·305	—	·160	·320	Trace	—	—	—	—	·030	·045		28
29	—		·180	·640	·100	—	—	·110	—	Trace	·020	Snow. Trace	29
30	·455		—	—	—	—	—	—	—	·215	·110	—	30
31	·010		·240		·100		—	—		—		—	31
Total	3·205	1·085	3·075	3·810	1·985	1·640	·810	1·745	1·460	1·605	2·900	2·640	YEAR'S TOTAL 25·960
Rain Days.	17	10	21	17	14	11	10	10	10	14	23	16	173

W.7,000, XI. 13

A B Ogden

2830

12 MAY 1915

FORM A. BRITISH RAINFALL.

~~14~~. Mg.

REGISTER OF RAINFALL IN 1914

Kept at Davyhulme Sewage Works

in the County of Lancaster S 3

by Manchester Corporation

Lat. Long.

Time of Observation 9.0 am

Nearest Railway Station Urmston

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 2 ft. 2 in.

" " " " Sea Level 72.43 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	Trace		·145	—	—		·120		—	·030	·120	·250	1
2	·010	—	—	Trace	·290	—	·350	1·220	—	Trace	·150	·190	2
3	·100	—	·090	"			·070	—	—		Trace	·420	3
4	·290	—	·185	·220	·200		·010	Trace	—	Trace	·110	·130	4
5	·170	—	·340		·125	·050		—	—	—	·460	·100	5
6	—	—	·090	·185	·210		·225	·045		—	·090		6
7	Trace	·010	·240	·025	·255		·055	·130	—	—		·150	7
8	·460			·020	·240	·045	Trace	·445	·030	Trace	Trace	·020	8
9	·355	·040	Snow ·015	·230	·070	·265	—		Trace	Trace	·060	Trace	9
10	·035	·070	Snow ·070	·100		Trace	—	—	·110	—	Trace	Trace	10
11		·185	·415	·020	·045	·390	·450	—	·110		·650	·160	11
12	Trace	·165	·145	—	·065	Trace		—	·680	Trace	·380	·260	12
13	"	·080	·100	—	Trace	—	·030	—		·050	·500		13
14	"	·240	·365	—	"	—	—	—	Trace	·030	·370	·260	14
15	"			—	—	—	—	—	Trace	Trace		—	15
16	·010	·085	·085	—	—	—	1·000		·630	Trace	—	—	16
17	·030	·520	·180	—		—	·140	—	·800		—	·720	17
18		—	·065	—	—	·610	·150	Trace	·330	Trace	—	·100	18
19	—	Trace	·025		—	—		—	·040	Trace	—	·420	19
20	—	·080	·030	—	—	·230	—	Trace		·030	—		20
21	—	·165	Trace	—	—		—	"	Trace	·030 ·050		Trace	21
22	—			Trace	·105	·270	·015	·100	—	·020	Trace	—	22
23	—	Trace	·085	·120	·220	·130	·470		—	Trace	—		23
24	·090	—	·460	·105		Trace	·345	·300	—	·740	·150		24
25		Trace	—	—	—	—	·195	·250	—		·100	1·380	25
26	—	—	Trace		—	—		Trace	—	·250	·250		26
27	·110	—	"	Trace	—	—	—	Trace		·310	·240		27
28	·035		·140	"	·025	·030	—	—	Trace	·080	·190	·060	28
29	·050			—	·055	—	—	·060	—	·020		·050	29
30	—	╳	Trace	—	Trace	—	—		—	Trace	·160	·170	30
31	·210	╳	·105	╳		╳	·490	—	╳		╳	—	31
Total	1·955	1·640	3·375	1·025	1·905	2·020	4·115	2·550	2·730	1·590	3·980	4·840	YEAR'S TOTAL 31·725
Rain Days.	17	14	24	10	16	10	18	13	10	12	18	24	186

W. 8,000. X. 14.

Exd. D.L.

2830

FORM A.
BRITISH RAINFALL.
12 JAN 1

REGISTER OF RAINFALL IN 1915.

Kept at Manchester Corporation Sewage Works, Davyhulme
in the County of Lancaster
by City of Manchester

Lat. .... Long. ....
Time of Observation 9 a.m.
Nearest Railway Station Urmston
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 2 ft. 2 in.
" " " " Sea Level 72·43 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·0[illegible]0

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	–	·240	·010	·340	–	–	·090	·060	·080	·020	–	·450	1
2	–	·260	·220		–	·050	·130	·170	–	·010	–	–	2
3	·520	Trace	·040		–	–	·810	·320	Trace		–	·360	3
4	Trace	·220	Trace		·150	·030		–	–	–	Trace	·270	4
5	·060	·140	·170		·030	Trace	–	Trace	–	Trace	–		5
6	·310	·270	·020	·210	–		·350	·075	–	–	·010	·210	6
7	·590			·020	–	–	·160	·680	–	–	–	·050	7
8	·320	·060	–	·190	–	–	–		–	–	·350	–	8
9	·440	·020	–	·020	–	–	Trace	Trace	–	Trace	·260	·330	9
10		Trace	·150	·020	–	–	·070	·540	–		·090	·030	10
11	·100	–	·010		·350	–		·150	–	–	·150	·230	11
12	·340	–	–	·050	·050	–	·030	·240	–	·180	·340		12
13	·050	Trace	Trace	Trace	–	–	Trace	·050	–	–	–	·050	13
14	·100			·090	–	Trace	·030	·150	·070	Trace	–	·180	14
15	·800	–	–	–	·290	–	–		–	Trace	Snow ·180	·080	15
16	Trace	·240	Trace	–		–	·740	·420	–	Trace	·020	·030	16
17		·260	·050	–	–	–	–	Trace	–		–	–	17
18	·030	·250	Snow ·050	–	–	–	–	–	–	–	Trace	–	18
19	Trace	·110	·060	·060	·080	–	·140	–	–	–	–	–	19
20	·140	·020	·010	Trace	·050	–	·060	·040	–	–	·010	·230	20
21	Snow ·120			·090	–	–	·250	–	–	–		·170	21
22	–	–	·100	Trace	–	·030	·040	–	–	–	Trace	[illegible]	22
23	–	–	·100	Trace	–	·050	·040	–	·030	·340	Trace	·030	23
24	–	–	·100	·020	–	–	–	–	·220		–	·770	24
25	–	–	Trace		–	·810	–	–	·020	–	–		25
26	Trace	·140	–	Trace	–	·130	·150	–		–	–		26
27	–	·340	–	–	–		·200	–	–	·350	–		27
28	–		–	–	·030	·260	Trace	·330	–	·180	–		28
29	–	–	–	–		·150	–		–	–	–	·060	29
30	·320	×	–	·050		·130	–	·020	–	·030	–	Trace	30
31		×	–	×	–	×	·020	·630	×		×	·240	31
Total	4·240	2·570	1·090	1·160	1·030	1·640	3·310	3·875	·420	1·110	1·410	4·970	YEAR'S TOTAL 26·825.
Rain Days.													

W. 8,000. X. 15.

Exd FW

2931

2830

FORM A.
BRITISH RAINFALL.

19. JAN 1917

REGISTER OF RAINFALL IN 1916

Kept at Davyhulme

in the County of Lancaster

by Manchester Corporation.
Rivers Department

Lat. Long.

Time of Observation 9 a.m.

Nearest Railway Station Urmston

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 2 ft. 2 in.

" " " " Sea Level 72·43 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. [illegible]

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·320	·020	·200	—	—	·170	·190	—	—	—	·190	—	1
2		·150	·020		—	·020		—	·810	·270	·005	·020	2
3	—	·140	—	·010	—	·020	·080	—	·350	·200	·130		3
4	·130	·190	—	—	·450	·650	·040	—	Trace	·170	·320	—	4
5	·040	·120	—	—	·120	·450	—	—	—	·550		—	5
6	·560	·600	(snow). Trace	—	·490	·060	·200	—	—	·200	·220	·040	6
7	·030	Trace	Trace.	—		·010	·430	—	—	·110	·030	·340	7
8	·220	·040	"	—	·010	·430	Trace	—	—		·450	·020	8
9		·100	—	—	·330	·140		—	·100	—	·150	·060	9
10	—	·215	Trace	·070	—	—	·050	—		·010	—		10
11	·020	·280	·050	·540	—	—	—	—	·110	—	—	·070	11
12	·090	·240		·030	·280	—	·290	·020	Trace	·080	—	—	12
13	—		·120	·070	·220	—	—	·340	—	·470	—	·110	13
14	Trace	·130	—	·070		—	—	·200	·020	·210	—	—	14
15	·040	·270	·200	·260	Trace	—	·040	·180	·210		—	—	15
16		·100	·320		—	—		·030	·490	·100	—	—	16
17	·120	·260	Trace	·260	—	—	·020	Trace		·110	—	—	17
18	—	·220	·290	·260	—	—	—	·120	Trace	·050	·020	·370	18
19	—	—		·220	—	—	—	·100	·190	—		—	19
20	·140	—	·130	·420	·070	—	—		—	—	—	·060	20
21	Trace	—	—			—	·220	—	—	·150	·010	—	21
22	·020	·020	Trace		—	·030	—	—	—		—	·120	22
23		—	·050		—	Trace		·060	—	—	·100	·335	23
24	—	·100	—		—	·025	—	·280	—	·020	—		24
25	·030	·020	·210	—	·040		—	·200	·020	·020	·245		25
26	·020	·100		—	—	·010	—	·180	—	Trace			26
27	—		—	—	Trace	·160	—		—	·335	—	Trace	27
28	—	·020	—	—		—	—	—	—	·280	—	·200	28
29	—	·040	Trace	—	—	·100	Trace	—	—		—	·460	29
30	—	×	—	—	—	·240		—	—	·225	·010	—	30
31	—	×	—	×	·030	×	Trace	·060	×	·240	×	—	31
Total	1·780	3·375	1·590	2·210	2·040	2·615	1·560	1·770	2·300	3·800	1·880	2·205	YEAR'S TOTAL 27·125
Rain Days.	17	24	13	14	13	16	12	14	11	24	16	18	(192.)

W. 8,000, VIII. 16

2785
2830

BRITISH RAINFALL FORM A.
8 JAN 1918

REGISTER OF RAINFALL IN 1917

Kept at Davyhulme

in the County of Lancaster

by Manchester Corporation

Lat. Long.
Time of Observation 9. am.
Nearest Railway Station Urmston
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 2 ft. 2 in.
" " " " Sea Level 72·43 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following. None

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·190	—	Trace	·340	—	·330	—	·150	·400	—	·040	·120	1
2	·250	—	—		—		—	·030		·020	—	·240	2
3	—	080	—	—	—		—	—	—	·560	·020		3
4	·190		—	—	—	—	—	·080	—	·410		·020	4
5	·210	—	·100	·310	—	—	—		·080	·110	·210	—	5
6	·620	—	—			·140	—			·490	·340	—	6
7		—	—		—	·030	—	—			·020	·050	7
8	·210	—	—		—	Trace	—	·520	·020	·490	·220	·170	8
9	—	—	·010		·020	—	—	·030		·260	·220		9
10	·250	Trace	·380	·040 070	·150		—	·040	—	—	·020	—	10
11	·110			·070 ~~·040~~	—	—	—	·190	·040	·350		—	11
12	·010	—	—	·030	·480	—	—		—	·190	—	—	12
13	·030	—	—	·050 ~~·040~~		—	—	·040	·260	—	—	·010	13
14		—	—	·110	·040	—	·350	·110	—		·020	·120	14
15	Trace	—	—	~~·040~~	—	—		Trace	·020	·050	—	·090	15
16	—	·150	—	·150	—	·020	·010	·190		—	—	·340	16
17	—	—	·140 170	·240 170	Trace		·300	1·53	·040	·140	—		17
18	—	—		·020	·140	Trace	·410	·190	·250	·010	—	—	18
19	—	·240	·100	—	·290	·160	—		—	—		—	19
20	—	·270	—	—		·420	—	·090	·040	·030	—	—	20
21	—	·020	·020	—	·250	·060	—	·120	~~—~~		·520	—	21
22	—	Trace	—		—	·010		·430	·230	·290	Trace	—	22
23	—	·100	—	—	·040	·110	—	·060		·180	·110	·130	23
24	—	·060	·090	—	—		Trace	·110	—	·320	·300	·090	24
25	—			—	—	—	—	·430	—	·030			25
26	—	—	—	—	·410	—	—		·220	·100	·880		26
27	—	—	·020	—		·180	·180	·360	—	·130	·030	—	27
28	—	·060	·250	—	Included in June 1st	—	·100	·340	—		·040	·090	28
29	—	×	·040	—		—		·130	—	·350	·030	—	29
30	Trace	×	·180 070	—		—	—	·120		—	·040	—	30
31	—	×		×		×	Trace	·230	×	—	×	·020	31
Total	2·070 2·040	·980	1·390	1·420	1·910	1·490	1·350	5·850	1·590	4·140 ~~[illegible]~~	3·060 ~~[illegible]~~	1·480 1·480	YEAR'S TOTAL 27·760
Rain Days.	12	10	14	+16 15	16	14	8	28	17	23	20	18	195 196

W. 8,000, IX. 17.

E F E

26

2830

FORM A.
BRITISH RAINFALL.

15. 1. 19

REGISTER OF RAINFALL IN 19*18*.

Kept at Manchester Sewage Works Davyhulme

in the County of Lancaster

by Manchester Corporation

Lat. .... Long. ....

Time of Observation 9 am

Nearest Railway Station Urmston

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 2 ft. 2 in.

" " " " Sea Level 42·42 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·300.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	~~Sept.~~ Oct.	~~Oct.~~ Sept	Nov.	Dec.	Date.
1	—	—	—	—	—	—	—	—	·145	·480	·185	·250	1
2	—	·030	—	·065	—	—	—	·005	·150	·480	·030	·850	2
3	·010		—	—	·445	—	—		·445	·020	~~[illegible]~~	·030	3
4	·020	—	—	—	·335	—	—	·850	·450	·240	·355	·200	4
5	·030	·040	—	·240		—	·020		540	·250	·035	·020	5
6		·160	—	·355	—	·200	—	·100	·300	—	—	·010	6
7	—	·060	—		—	—	—	—	·300	—	·160	—	7
8	·100	·040	·100	—	—	·400	·225	—	·300	·600	·155	·020	8
9	·060	·440	·005	·035	—		—	—	·625	·420	·355	·020	9
10	·160			—	—	—	·080	—	·140	·120	—	·060	10
11	·050	·205	·010	·045	·220	—	·040	·020	·160	·420	—	·160	11
12	·140	·260	—	·040		—	·280	—	·650	·110	—	·180	12
13		—	—	—	·180	·005	—	—		·465	—	·015	13
14	·040	—	—	—	—	·120	·350	—	·020	·340	—	·460	14
15	·450	—	—	—	—	—	·480	—	—	1·360	—		15
16	·310	—	—	·125	—	·220	·200	·065	—	·300	—	·190	16
17	·060	—	—	—	—	—	·100	·040	·110	·040	—	·150	17
18	·250	—	·030	·050	—	·115	·200	—	—	·450	—	·150	18
19	~~[illegible]~~	·025	·240	—	—	—	240 ~~155~~	·020 45	·040	·100	—	·245	19
20	~~[illegible]~~	·520	—	·115	—	·150	155	—	—	·330	—	—	20
21	·250 ~~[illegible]~~	·215	—		·140	·100	~~[illegible]~~	—	—	·330	—	·690	21
22	·050	—	—	—		·165	·320	·020	—	·130	—		22
23	·050 ~~[illegible]~~	·020	—	—	·930		·240	—	—	·135	—	·250	23
24	·020		—	—		—	·110	·680	·060	·060	·030		24
25		—	—	—		·050	·235		—	·300	·140		25
26	·020	·025	—	—	—	—	·090	·060	·060		·140	1·600	26
27	—	·080	·185	—	—	—	—	·390		·540	·205		27
28	—	·045		—	—	·080	—	—	—		·310		28
29	·130	—	·495	—	—	—	—	·150	—	·500	·010		29
30	—	X		—	—	—	~	—	—	·050	—	·455	30
31	—	X		X	—	X	—	·220	·010 X	—	X	—	31
Total	2·210	2·465	1·395	1·130	2·580	1·605	3·425	2·665	Oct 4·835 ~~4·845~~	Septr 9·200	2·105	6·335	YEAR'S TOTAL 39·96 39·960
Rain Days.	22	18	9	11	11	13	18	14	20	28	15	28	210

W. 6,500, VII. 18. w w o

Ex · Hb

2634

2830

10 JAN 20

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Manchester Sewage Works

in the County of Lancaster

by Manchester Corporation

Lat. 53°28' N. Long. 2°22' W.

Time of Observation 9 A.M.

Nearest Railway Station Urmston

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 2 ft. 2 in.

" " " " Sea Level 72·43 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·800	-	·500	Trace.	·470.	-	·160.	·040	·420.	·430.	·015.	·110.	1
2	·400	-		-	-	-	·120.	-	·020.	·040.		·070.	2
3	1.550.	-	-	-	·060.	·210.	·110.	·440.	·010.	Trace.	·050.	·030.	3
4	·400.	-	·310	-		Trace.	·120.		Trace.	·020.	·025	·080	4
5		-	-	-	Trace.	-	-	Trace	·020.		-	-	5
6	Trace.	-	·370.	Trace.	·430	-	-	-		-	-	·280.	6
7	·030.	-	·470.	·030.	-	·020.	-	-	-	-	·140.		7
8	·110.	-	·120.	Trace.	-		Trace.	-	-	-	-	-	8
9	·070.	-		·030.	-		-	-	-	-	-	Trace	9
10	-	-	·600.	·160	·110.	-	-	-	-	-	Snow ·010.	·170.	10
11	-	-	·980.	·090.			-	-	-	·350.	-	·010.	11
12	·030.	-	·400.	·220.	-	whit-week.	·120.	-	-		-	-	12
13	·050.	-	Trace		-	·210.	-	-	-	·250.	-	·065.	13
14	·750.	-	-	·120.	-		-	-	-	·140.	-		14
15	·250.	·050.	·030.	·070.	-		Trace	-	-	·070.	·450.	·375.	15
16	·165.			Trace.	-	Trace.	-	·310.	-	-		·010.	16
17	·020.	-	-	·200.	-	·160.	-		-	-	·820.	·120.	17
18	-	-	·490.	-	-	-	·500.	·495.	·190.	-	·030.		18
19	·150.	·160.	·680.	-	-	·170.		·220.	·140.	-	·330.	·370.	19
20	·300.	·075	-	-	-	·210.		·210.	·050.	-	·180.	·420.	20
21	·050.	·340.	-	-	-	-	·170.	-		-	·030.		21
22	-	·020.	-	-	-	-	-	-	·540	-	·120.	1·140	22
23	-		-	Trace.	-	·150.	-	·040.	-	1·050		-	23
24	-	-	-	·020.	·250.	-	-		·150.	·160.	·150.	·990.	24
25	-	·030.	-	-		·020.	-	·550.	·010.	-	·120		25
26	Trace	-	·430.	Snow ·400.	-	·130.	-	·410.	·085.	-	·085.		26
27	·230.	-	·020.		-	Trace	-	·030.	-	-	-		27
28	-	-	-	·020.	-	-	·	·660.	-	·015.	-		28
29	-	-	-	·010.	-	-	-	·150.	-	·120.	·080.	·085.	29
30	-		·190.	·250.	-	-	-	·100.	-	Trace.		·120	30
31	Trace		·030.		-		·160.			-		·035	31
TOTAL	5·355	·675	5·620.	1.620.	1.320.	1.280	1.460	3·655	1.635.	2·645	2·635	4·780	YEAR'S TOTAL 32·680
Days with ·01 in. or more	18.	8.	18.	15	8	12. ~~13~~.	10	17	13.	13.	20	26.	(178)

(44,283). Wt.21,958—218. 7500. 10/19. **Gp.132.** A.&E.W.

2570

2830

7 FEB 1921

FORM A. 1.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Manchester Sewage Works

in the County of Lancaster

by Manchester Corporation

Lat. 53° 28' N. Long. 2° 22' W.

Time of Observation 9 A.M.

Nearest Railway Station Urmston

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 2 ft. 2. in.

" " " " Sea Level 72·43. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·045	·195	·070		·305	-	·440	·040	·190		-	·150	1
2	Trace	-	-			-	·080		·220	·650	-	·070	2
3	-	·090	-	·350	·070	·030	·380	·220	·200		-	-	3
4	-	-	-		·020	-		·770	·330	·330	-	·030	4
5	-	Trace	·040		·675	-	·110	·160		·560	Trace		5
6	-	-	·730	·180	·110	-	·220	Trace	-	·030	Trace	·020	6
7	Trace	·090		·090	-	-	·310	·095	-	·020		-	7
8	·120		-	·320	·085	-	·140		-	-	-	-	8
9	·210	·560	·010	·320		-	·380	·070	-	-	-	Trace	9
10	·885	·200	·040	·090	-	-	·520	-	-	-	-	Trace	10
11		·260	·020		·255	·330		-	·010	-	-	-	11
12	·130	·040	·050	·225	·055	·515	·050	Trace		-	·220	-	12
13	·210	·080	·350	·060	-		-	-	Trace	-	·520	-	13
14	·015	·200		·195	-	·470	·020	-	·650	·200		·060	14
15	-		Trace	·285	·200	Trace	·045	-	-	·030	·020	-	15
16	-	-	·070	·115		·210	·500	-	·100	·020	·025	-	16
17	·320	-	·020	·030	·150	-	·115	·220	·360		-	-	17
18		-	-		·320	·010		-	·150	-	-	-	18
19	·150	1·520	-	·030	·180	·270	-	·085		-	-	-	19
20	·210	-	-	·160	-		·170	-	·050	-	-	·060	20
21	-	Trace	-	·030	-	-	·430	·070	-	·030	-	·100	21
22	·070		-	·245		-	·220		-	-	-	·180	22
23	-	-	Trace	·070	-	-	·530	·050	-	-	-	·475	23
24	·060		·540	·040		-	·935	·010	-	-	-		24
25		·060	·160		·100	·025		·020	-	-	-	·420	25
26	·125	·040	·300	·285		·380	·185	-	-	-	·020		26
27	·185	·010	·370	·289			·060	-	-	·020	·020		27
28	·580	-		·475	2·215	·020	·030	-	-	-		·160	28
29	·110	-	·540	·140		-	·410	-	-	-	·140	·520	29
30	·230	╳	·200	·020		·190	-	-	-	-	·100	·160	30
31	-	╳	·180	╳	·090	╳		-	╳	·110	╳		31
TOTAL	3·655	3·345	3·690	4·044	4·830	2·450	6·280	1·810	2·260	2·000	1·060	2·405	YEAR'S TOTAL 37·829
Days with ·01 in. or more	17 ~~21~~	12 ~~15~~	20	30	22	14	27	15	12	14	10	18	~~218~~
Days with ·04 in. or more	18	14	17	23	21	10	25	9	11	7	5	4	~~174~~

(44,283) 10/19. (52,638). Wt. 10,000—359. 10,000. (2). 7/20. Gp. 132. A.&E.W.

WALNEY ISLAND
BARROW
LANCASHIRE
1917 - 1918

RE

FORM A.
BRITISH RAINFALL.

18. JAN 1918

Kept at Barrow ... c 51 W.

... ow Central.

in the County of Lan ... e 6 in.

by Meteorological ... und 1 ft. 10 in.

a Level 70 ft.

IMPORTANT N ... result entered to the previous day. If an ... al rule, he is earnestly requested to add the reading at 9 a.m. on 1st ... n the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·01	nil	·22	nil	nil	nil	nil	·01	·39	nil	·04	·05	1
2	·57	nil	nil	nil	nil	nil	nil	·01	nil	nil	·16	nil	2
3	·01	·12	nil	nil	nil	·45	nil	nil	nil	·18	·16	·02	3
4	·11	nil	nil	nil	nil	nil	nil	nil	nil	·52	nil	·06	4
5	·33	nil	·02	·05	nil	nil	nil	nil	·02	·69	·13	·05	5
6	·02	·04	nil	nil	nil	·35	nil	nil	nil	nil	·12	·10	6
7	nil	·02	nil	nil	nil	nil	nil	nil	nil	·59	·39	·02	7
8	·02	nil	nil	·27	nil	·05	nil	·34	·02	·82	·24	·14	8
9	nil	nil	nil	·02	·04	nil	nil	·60	nil	·16	·24	nil	9
10	·33	nil	·63	·02	·11	nil	nil	·24	nil	·10	·16	nil	10
11	·21	nil	nil	nil	·09	nil	nil	·10	·06	·73	·04	nil	11
12	·04	nil	·06	nil	·70	·18	nil	nil	·03	1·02	·08	·22	12
13	nil	nil	nil	·07	nil	·02	nil	·21	·51	·33	nil	·55	13
14	nil	nil	nil	nil	·06	nil	nil	·06	nil	·04	·04	·20	14
15	nil	nil	nil	·17	nil	nil	nil	nil	·34	·11	·04	·57	15
16	nil	·02	nil	·02	nil	nil	nil	·86	·03	·59	nil	nil	16
17	nil	·11	·10	·30	·15	nil	·10	1·11	·03	·17	nil	nil	17
18	nil	nil	·19	·06	·33	nil	·71	·30	·33	·06	nil	·01	18
19	nil	·25	·33	nil	·51	nil	nil	·06	nil	nil	·04	·06	19
20	nil	·20	nil	nil	·16	·85	nil	·12	·14	nil	·08	·08	20
21	nil	·04	·10	nil	·37	nil	nil	·08	·03	·02	·71	nil	21
22	nil	·10	nil	nil	nil	nil	nil	·15	·04	·40	·08	·06	22
23	nil	·12	nil	nil	·11	·55	nil	·17	·08	·07	·04	·01	23
24	nil	nil	nil	nil	nil	nil	·23	·06	nil	·82	·12	nil	24
25	nil	·12	·05	nil	·03	nil	nil	·13	·20	·22	·12	nil	25
26	·02	nil	nil	nil	nil	nil	nil	1·35	·67	·18	·55	nil	26
27	nil	nil	·07	·02	·44	·03	·12	·80	nil	·12	·28	nil	27
28	nil	nil	·19	nil	nil	nil	nil	·15	nil	·05	nil	nil	28
29	nil	nil	·02	nil	nil	nil	nil	nil	nil	1·01	nil	nil	29
30	nil	X	·10	·02	nil	nil	nil	·12	nil	·26	nil	nil	30
31	nil	X	·22	X	·27	X	nil	·38	X	nil	X	nil	31
Total	1·67 ✓	1·14 ✓	2·30 ✓	1·02 ✓	3·37 ✓	2·48 ✓	1·16 ✓	7·41 ✓	2·92 ✓	9·26 ✓	3·86 ✓	2·20 ✓	YEAR'S TOTAL 38·79 ✓
Rain Days.	11 ✓	11 ✓	14 ✓	11 ✓	14 ✓	8 ✓	4 ✓	23 ✓	16 ✓	25 ✓	22 ✓	16 ✓	175 ✓

W. 8,000, VIII. 16

FORM A.
BRITISH RAINFALL.

18 JAN 1918

RE[redacted] -51 W.

Kept at Barrow

in the County of Lancashire

by Meteorological Officers. R.N. Airship Station.

Time of Observation 9 am.

Nearest Railway Station Barrow Central.

Diameter of Funnel of Rain Gauge 6 in.

Height of top of Gauge above Ground 1 ft. 10 in.

" " " " Sea Level 70 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·01	nil	·22	nil	nil	nil	nil	·01	·39	nil	·04	·05	1
2	·57	nil	nil	nil	nil	nil	nil	·01	nil	nil	·16	nil	2
3	·01	·12	nil	nil	nil	·45	nil	nil	nil	·18	·16	·02	3
4	·11	nil	nil	nil	nil	nil	nil	nil	nil	·52	nil	·06	4
5	·33	nil	·02	·05	nil	nil	nil	nil	·02	·69	·13	·05	5
6	·02	·04	nil	nil	nil	·35	nil	nil	nil	nil	·12	·10	6
7	nil	·02	nil	nil	nil	nil	nil	nil	nil	·59	·39	·02	7
8	·02	nil	nil	·27	nil	·05	nil	·34	·02	·82	·24	·14	8
9	nil	nil	nil	·02	·04	nil	nil	·60	nil	·16	·24	nil	9
10	·33	nil	·63	·02	·11	nil	nil	·24	nil	·10	·16	nil	10
11	·21	nil	nil	nil	·09	nil	nil	·10	·06	·73	·04	nil	11
12	·04	nil	·06	nil	·70	·18	nil	nil	·03	1·02	·08	·22	12
13	nil	nil	nil	·07	nil	·02	nil	·21	·51	·33	nil	·55	13
14	nil	nil	nil	nil	·06	nil	nil	·06	nil	·04	·04	·20	14
15	nil	nil	nil	·17	nil	nil	nil	nil	·34	·11	·04	·57	15
16	nil	·02	nil	·02	nil	nil	nil	·86	·03	·59	nil	nil	16
17	nil	·11	·10	·30	·15	nil	·10	1·11	·03	·17	nil	nil	17
18	nil	nil	·19	·06	·33	nil	·71	·30	·33	·06	nil	·01	18
19	nil	·25	·33	nil	·51	nil	nil	·06	nil	nil	·04	·06	19
20	nil	·20	nil	nil	·16	·85	nil	·12	·14	nil	·08	·08	20
21	nil	·04	·10	nil	·37	nil	nil	·08	·03	·02	·71	nil	21
22	nil	·10	nil	nil	nil	nil	nil	·15	·04	·40	·08	·06	22
23	nil	·12	nil	nil	·11	·55	nil	·17	·08	·07	·04	·01	23
24	nil	nil	nil	nil	nil	nil	·23	·06	nil	·82	·12	nil	24
25	nil	·12	·05	nil	·03	nil	nil	·13	·20	·22	·12	nil	25
26	·02	nil	nil	nil	nil	nil	nil	1·35	·67	·18	·55	nil	26
27	nil	nil	·07	·02	·44	·03	·12	·80	nil	·12	·28	nil	27
28	nil	nil	·19	nil	nil	nil	nil	·15	nil	·05	nil	nil	28
29	nil	nil	·02	nil	nil	nil	nil	nil	nil	1·01	nil	nil	29
30	nil	×	·10	·02	nil	nil	nil	·12	nil	·26	nil	nil	30
31	nil	×	·22	×	·27	×	nil	·38	×	nil	×	nil	31
Total	1·67	1·14	2·30	1·02	3·37	2·48	1·46	7·41	2·92	9·26	3·86	2·20	YEAR'S TOTAL 38·79
Rain Days.	11	11	14	11	14	8	4	23	16	25	22	16	175

W. 8,000, VIII. 16

REGISTER OF RAINFALL IN 1917

FORM A.
BRITISH RAINFALL.
2 APR 191

Kept at Barrow (Walney Island)
in the County of Lancashire
by Meterological Officers. R.N. Airship Station.

Lat. 54°6'·32" Long. 30°15'51" W.
Time of Observation 9. am
Nearest Railway Station Barrow. Central.
Diameter of Funnel of Rain Gauge 6 in.
Height of top of Gauge above Ground 1 ft. 10 in.
" " " " Sea Level 70 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·01	—	·22	—	—	—	—	·01	·39	—	·04	·05	1
2	·57	—	—	—	—	—	—	·01	—	—	·16	—	2
3	·01	·12	—	—	—	·45	—	—	—	·18	·16	·02	3
4	·11	—	—	—	—	—	—	—	—	·52	—	·06	4
5	·33	—	·02	·05	—	—	—	—	·02	·69	·13	·05	5
6	·02	·04	—	—	—	·35	—	—	—	—	·12	·10	6
7	—	·02	—	—	—	—	—	—	—	·59	·39	·02	7
8	·02	—	—	·27	—	·05	—	·34	·02	·82	·24	·14	8
9	—	—	—	·02	·04	—	—	·60	—	·16	·24	—	9
10	·33	—	·63	·02	·11	—	—	·24	—	·10	·16	—	10
11	·21	—	—	—	·09	—	—	·10	·06	·73	·04	—	11
12	·04	—	·06	—	·70	·18	—	—	·03	1·02	·08	·22	12
13	—	—	—	·07	—	·02	—	·21	·51	·33	nil	·55	13
14	—	—	—	—	·06	—	—	·06	—	·04	·04	·20	14
15	—	—	—	·17	—	—	—	—	·34	·11	·04	·57	15
16	—	·02	—	·02	—	—	—	·86	·03	·59	~~·04~~	—	16
17	—	·11	·10	·30	·15	—	·10	1·11	·03	·17	—	—	17
18	—	—	·19	·06	·33	—	·71	·30	·33	·06	—	·01	18
19	—	·25	·33	—	·51	—	—	·06	—	—	·04	·06	19
20	—	·20	—	—	·16	·85	—	·12	·14	—	·08	·08	20
21	—	·04	·10	—	·37	—	—	·08	·03	·02	·71	—	21
22	—	·10	—	—	—	—	—	·15	·04	·40	·08	·06	22
23	—	·12	—	—	·11	·55	—	·17	·08	·07	·04	·01	23
24	—	—	—	—	—	—	·23	·06	—	·82	·12	—	24
25	—	·12	·05	—	·03	—	—	·13	·20	·22	·12	—	25
26	·02	—	—	—	—	—	—	1·35	·67	·18	·55	—	26
27	—	—	·07	·02	·44	·03	·12	·80	—	·12	·28	—	27
28	—	—	·19	—	—	—	—	·15	—	·05	—	—	28
29	—	X	·02	—	—	—	—	—	—	1·01	—	—	29
30	—	X	·10	·02	—	—	—	·12	—	·26	—	—	30
31	—	X	·22	X	·27	X	—	·38	X	—	X	—	31
Total	1·67	1·14	2·30	1·02	3·37	2·48	1·16	7·41	2·92	9·26	3·86	2·20	YEAR'S TOTAL 38·79
Rain Days.	11	11	14	11	14	~~4~~ 8	4	23	16	25	22	16	175

175

W. 8,000, IX. 17.

REGISTER OF RAINFALL IN 1918.

FORM A.
BRITISH RAINFALL.

18.1.19

Kept at Barrow R.N. Airship Station
in the County of N Lancashire
by Lieut. W. Littlemore.

Lat. 54° 6′ 37″ N Long. 3° 15′ 44″ W
Time of Observation 9 am.
Nearest Railway Station Barrow
Diameter of Funnel of Rain Gauge 8″ in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 81.3 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	–	6.7	–	·5	–	–	–	–	10.3	2.9	13.2	7.8	1
2	–	·6	–	·7	–	–	–	–	2.2	–	2.0	20.2	2
3	–	1.1	–	–	19.5	–	–	–	–	8.4	1.8	·7	3
4	–	3.0	–	–	1.0	–	–	–	–	7.2	4.4	·4	4
5	·2	·5	·2	3.2	2.5	–	–	21.0	–	6.8	·5	·6	5
6	·1	16.0	–	7.9	–	14.8	–	–	–	9.0	–	–	6
7	–	1.8	–	·9	–	–	4.7	1.8	5.4	·6	6.2	1.7	7
8	1.9	–	1.1	–	–	2.0	15.8	1.0	6.6	5.2	–	1.2	8
9	·9	4.3	·5	·4	–	3.4	·5	–	17.5	12.0	1.7	·5	9
10	1.4	6.0	6.4	6.3	–	–	·6	–	20.0	9.2	4.5	3.0	10
11	6.0	2.0	1.4	–	4.2	–	6.2	–	·5	–	–	5.9	11
12	5.3	16.9	–	1.6	3.3	1.9	·3	–	1.2	–	–	5.7	12
13	·6	–	–	1.2	5.1	–	–	–	8.7	6.0	–	–	13
14	17.4	–	–	–	·2	3.6	9.8	1.4	1.3	·6	–	5.2	14
15	–	–	–	–	–	·4	17.2	–	28.0	–	–	7.4	15
16	1.3	3.2	–	–	–	3.4	5.0	4.5	8.5	1.4	–	1.5	16
17	13.2	–	–	–	–	·7	11.2	2.8	1.3	3.7	–	26.6	17
18	13.2	3.4	3.0	–	–	–	5.3	1.4	2.3	·4	–	7.9	18
19	8.4	2.6	2.8	2.4	–	–	3.1	10.7	1.0	1.2	–	22.8	19
20	7.0	10.2	–	4.8	4.7	3.4	10.5	–	4.0	–	–	1.4	20
21	5.2	2.2	–	–	–	5.1	·4	–	20.6	·4	–	·9	21
22	2.3	–	–	–	16.3	·4	6.4	–	4.5	–	–	12.2	22
23	5.2	–	–	–	4.5	·8	6.2	–	·1	–	·1	1.8	23
24	6.2	2.6	–	–	–	–	–	4.5	5.0	·4	2.0	2.9	24
25	–	–	–	–	5.8	4.0	6.8	21.0	12.3	–	·6	–	25
26	–	1.3	–	–	–	1.0	1.3	2.6	7.5	1.7	3.9	1.6	26
27	–	1.1	8.5	–	–	4.0	·3	20.2	1.3	1.1	6.6	9.6	27
28	–	·8	2.7	–	–	–	–	–	·5	·3	3.2	17.3	28
29	–		1.6	–	–	–	–	2.0	2.7	–	·1	8.0	29
30	–		2.9	–	–	–	–	1.6	2.0	·3	10.0	2.4	30
31	–		4.0		–		–	4.3		4.1		3.2	31
Total	95.8	86.3	35.1	29.9	67.1	48.9	111.6	100.8	175.3	82.9	60.8	180.4	YEAR'S TOTAL 1074.9
Rain Days.	~~18~~ 17	20	12	11	11	15	19	15	~~26~~ 25	22	~~16~~ 14	28	~~213~~
in	3.77	3.40	1.39	1.18	2.64	1.92	4.39	3.97	6.90	3.26	2.39	7.11	209 42.32

W, 6,500, VIII. 18. W W C

LANCASHIRE

WARRINGTON

HOWLEY YARD

1911 – 1920

FORM A2.
BRITISH RAINFALL.

10 MAY 1912

REG ... 11

... nel

Kept at Howley Ya...

... 10 in.

... ve Ground — ft. 10 in.

in the County of La...

... Sea Level 19 ft.

... a.m.

by Thomas Long...

Borough R...

... Name Arpley. L&N.W. Ry

... Distance 550 yds Direction S.W.

IMPORTANT NOTE.— ... d the result entered to the previous day. If an Obser... versal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. —

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.08	-	.12	.	.03	-	-	-	.	.	.45	.01	1
2	-	-	.01	.	.19	-	.03	.	-	.09	-	.11	2
3	-	-	-	-	.14	-	-	-	.08	-	.16	.01	3
4	-	-	.	-	-	-	.02	.06	.06	-	.22	.06	4
5	.37	.	-	.	—	-	-	.25	-	.	-	.01	5
6	.25	-	.	.01	—	-	-	.40	-	.02	.29	.26	6
7	.01	.	.09	-	—	.	-	-	-	-	.12	.01	7
8	.15	-	.21	-	-	-	-	-	-	-	-	.61	8
9	-	-	-	.	-	.	.	.	-	-	-	.02	9
10	.15	.07	.01	-	-	-	-	-	.03	-	.33	.52	10
11	.02	.20	-	-	-	-	.	.	.06	-	.25	-	11
12	-	-	-	-	-	-	-	-	2.04	-	.19	-	12
13	-	.01	-	-	.18	.	.	-	-	.	.02	.34	13
14	.07	.41	.27	-	.02	-	.01	-	.	-	.02	.26	14
15	-	.	-	.02	-	.	-	-	.	-	.08	.13	15
16	-	.10	-	.07	.	.05	.01	-	.	.	.17	.07	16
17	-	-	.08	-	.02	.56	-	-	-	-	.03	.19	17
18	-	.15	-	-	-	.08	-	-	-	-	.07	.13	18
19	-	.14	-	.10	-	.	.03	.	.20	.	-	.29	19
20	-	.11	-	.33	-	.01	.11	.61	.10	.21	-	.57	20
21	-	.36	.01	-	-	-	.15	.48	-	.11	-	.01	21
22	.03	.03	-	.05	-	.01	-	.	.02	.47	-	.20	22
23	-	.17	.02	.01	-	.11	-	.	.15	.11	=	.31	23
24	-	.10	.01	.14	-	.74	-	.07	.	.33	-	.04	24
25	-	.08	-	.26	.	.17	-	.	.42	.14	.	.18	25
26	-	.04	-	.23	.01	.15	-	.02	.	.65	.05	.33	26
27	.	.22	.	.31	.	-	-	.66	.75	-	.01	.14	27
28	-	.13	-	-	.	.08	.	.11	.11	.	-	.28	28
29	-		-	.26	-	.11	.09	.03	.28	.54	.01	.09	29
30	-		-	.19	-	.19	.	.	-	.20	-	.01	30
31	-		.12		-		-	-		-		.01	31
Total	1.13	2.32	.95	1.98	.59	2.26	.45	2.69	4.33	2.87	2.47	5.19	TOTAL for year 27.23
No. of Rain Days	9	16	11	13	7	12	8	10	13	11	17	29	156

9,000, IX. '10.

FORM A2.
BRITISH RAINFALL.

10 MAY 1912

REG IN 1911

Kept at Howley Yard, Warrington

in the County of Lancashire 62

by Thomas Longdin
Borough Engineer & Surveyor

RAIN GAUGE
Pattern Funnel
Diameter of top 10 in.
Height of top above Ground — ft. 10 in.
" " " Sea Level 19 ft.

Time of Observation 9 a.m.

Nearest Railway Station
Name Arpley. L&N.W. Ry
Distance 550 yds Direction S.W.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
—

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·08	-	·12	-	·03	-	-	-	-	-	·45	·01	1
2	-	-	·01	-	·19	-	·03	-	-	·09	-	·11	2
3	-	-	-	-	·14	-	-	-	·08	-	·16	·01	3
4	-	-	-	-	-	-	·02	·06	·06	-	·22	·06	4
5	·37	-	-	-	—	-	-	·25	-	-	-	·01	5
6	·25	-	-	·01	—	-	-	·40	-	·02	·29	·26	6
7	·01	-	·09	-	—	-	-	-	-	-	·12	·01	7
8	·15	-	·21	-	-	-	-	-	-	-	-	·61	8
9	-	-	-	-	-	-	-	-	-	-	-	·02	9
10	·15	·07	·01	-	-	-	-	-	·03	-	·33	·52	10
11	·02	·20	-	-	-	-	-	-	·06	-	·25	-	11
12	-	-	-	-	-	-	-	-	2·04	-	·19	-	12
13	-	·01	-	-	·18	-	-	-	-	-	·02	·34	13
14	·07	·41	·27	-	·02	-	·01	-	-	-	·02	·26	14
15	-	-	-	·02	-	-	-	-	-	-	·08	·13	15
16	-	·10	-	·07	-	·05	·01	-	-	-	·17	·04	16
17	-	-	·08	-	·02	·56	-	-	-	-	·03	·19	17
18	-	·15	-	-	-	·08	-	-	-	-	·07	·13	18
19	-	·14	-	·10	-	-	·03	-	·20	-	-	·28	19
20	-	·11	-	·33	-	·01	·11	·61	·10	·21	-	·57	20
21	-	·36	·01	-	-	-	·15	·48	-	·11	-	·01	21
22	·03	·03	-	·05	-	·01	-	-	·02	·47	-	·20	22
23	-	·17	·02	·01	-	·11	-	-	·15	·14	=	·31	23
24	-	·10	·01	·14	-	·74	-	·07	-	·33	-	·04	24
25	-	·08	-	·26	-	·17	-	-	·42	·14	-	·18	25
26	-	·04	-	·23	·01	·15	-	·02	-	·65	·05	·33	26
27	-	·22	-	·31	-	-	-	·66	·75	-	·01	·14	27
28	-	·13	-	-	-	·08	-	·11	·11	-	-	·28	28
29	-		-	·26	-	·11	·09	·03	·28	·54	·01	·09	29
30	-		-	·19	-	·19	-	-	-	·20	-	·01	30
31	-		·12		-		-	-		-		·01	31
Total	1·13	2.32	·95	1·98	·59	2·26	·45	2.69	4.33	2·87	2.47	5.19	TOTAL for year 27.23
No. of Rain Days	9	16	11	13	7	12	8	10	13	11	17	29	156

9,000, IX. '10.

Cor. for arith. 20.V.13

2819

BRITISH RAINFALL FORM A.

17 MAY 1913

REGISTER OF RAINFALL IN 1912

Kept at Howley Yard, Warrington.

in the County of Lancashire. 52

by A. M. Ker, Borough Engineer & Surveyor.

Lat. 53D. 20M. Long. 2D. 36M.

Time of Observation 9 a.m.

Nearest Railway Station Arpley. L.&N.W.Ry.

Diameter of Rain Gauge 10 in.

Height of top of Gauge above Ground — ft. 10 in.

" " " " Sea Level 19 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	–	–	·11	–	–	·05	–	·03	–	–	–	·49	1
2	·01	–	·04	·07	·03	·15	·14	·05	·07	–	–	·09	2
3	·20	–	–	–	·03	·12	–	·47	·22	–	–	·06	3
4	·39	–	·40	·02	·09	·67	–	·68	·05	–	·50	–	4
5	·36	·01	–	–	·15	·09	–	·02	·01	–	·02	·01	5
6	·65	·06	–	–	·04	–	–	·28	–	–	–	–	6
7	–	·04	·06	–	·06	–	·06	·08	·36	–	–	·03	7
8	·31	·04	·11	–	–	·11	–	·37	·30	–	–	–	8
9	·08	·04	·47	·28	–	–	–	–	–	–	·05	·03	9
10	·16	–	–	–	–	·31	–	·06	–	–	·35	·01	10
11	·02	–	–	–	–	–	·06	–	–	–	–	·04	11
12	·06	·05	·13	–	–	·02	–	–	–	–	–	·68	12
13	–	–	–	–	–	–	·01	·31	·02	·16	–	·09	13
14	·09	–	·60	–	–	·14	–	·42	·01	–	–	·13	14
15	·17	·15	·15	–	·39	·38	–	·05	–	–	·01	·08	15
16	·59	–	·15	–	·03	–	–	·09	–	·22	·02	–	16
17	·68	·08	·04	–	·03	·49	–	·58	–	–	·03	·15	17
18	·23	–	·06	–	–	·03	–	·22	–	·11	·04	·10	18
19	·01	–	·13	–	–	·02	·02	·15	–	·01	·01	–	19
20	·04	–	·26	–	·13	–	·07	·27	–	·30	·03	–	20
21	–	·02	·28	–	·30	–	·33	·01	–	·47	–	·08	21
22	–	·09	·02	–	·34	–	·10	·49	–	–	–	·10	22
23	–	–	·30	–	–	–	·21	·67	–	–	·23	·14	23
24	·04	·03	·06	–	–	·22	·04	·14	–	–	·02	·22	24
25	–	–	·14	–	–	·12	–	·04	–	–	·41	–	25
26	–	·06	·17	–	–	·01	·70	·28	–	·84	·11	·04	26
27	–	–	·43	–	–	·21	·69	–	–	·50	·08	–	27
28	–	·07	–	–	–	–	·35	·36	·01	·20	·38	–	28
29	–	–	·11	–	–	·01	·22	·05	·35	·02	–	·04	29
30	·04		·14	–	·38	·12	·01	–	–	·02	–	·02	30
31	–		·05		·03		·47	·16		–		·14	31
Total	4.13	·74	4.41	·37	2.03	3.27	3.48	6.33	1.40	2.85	2.29	2.77	YEAR'S TOTAL 34.07
Rain Days.	19	13	24	3	14	19	16	26	10	11	16	22	193

W. 7,500, XI. 12

2819

BRITISH RAINFALL FORM A.

21 JAN 1914

Ex DL

REGISTER OF RAINFALL IN 1913

Kept at Howley Yard, Warrington

in the County of Lancashire. S2

by Andrew M. Orr. Borough Engineer & Surveyor

Lat. 53D. 30M. Long. 2D. 36M.

Time of Observation 9 A.M.

Nearest Railway Station Arpley L & N.W. Rly

Diameter of Rain Gauge 10 in.

Height of top of Gauge above Ground - ft. 10 in.

" " " " Sea Level 19 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ——

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	-	·08	·08	·03	-	-	-	-	-	-	·07	·01	1
2	-	·04	·13	·03	-	·05	-	-	-	-	·02	-	2
3	·05	·01	·06	-	·61	-	-	-	-	·04	-	·56	3
4	·52	·18	·01	-	·07	·01	·01	-	-	·26	·01	·33	4
5	·19	·05	·02	-	·03	·35	·13	-	-	-	-	·03	5
6	·04	·11	·14	·01	·37	·08	·25	-	-	-	-	·05	6
7	-	·11	·06	-	·14	·23	·01	-	-	·58	·13	·03	7
8	-	·07	·04	-	·01	·04	-	·41	·01	·07	-	-	8
9	-	·24	·05	·08	·12	·44	·22	·16	-	-	·09	-	9
10	·03	·01	·11	·30	·19	-	·04	-	·03	-	·03	·10	10
11	·78	-	-	·27	·12	·30	-	-	-	·10	·10	-	11
12	·28	-	-	-	·06	-	-	-	·07	·03	·20	·03	12
13	-	-	·39	-	-	-	-	·01	·08	-	·27	-	13
14	·12	·18	-	·09	-	-	-	·04	-	·43	·19	-	14
15	-	·19	-	·25	-	-	-	-	-	-	·17	·06	15
16	-	·03	-	-	-	-	·02	-	·04	-	·15	-	16
17	·03	-	·06	·18	·03	-	-	-	·08	-	·13	-	17
18	-	-	·18	·15	-	·02	·07	-	·02	-	·12	-	18
19	·10	-	·03	·03	-	·11	·01	-	·06	·09	·03	-	19
20	·08	-	·11	·04	·02	-	·01	-	·01	·16	·27	-	20
21	-	-	·43	-	·14	-	·07	·11	-	-	·04	-	21
22	·46	-	·37	-	-	·15	-	·81	·28	-	-	-	22
23	-	-	·01	-	·06	·09	-	·37	·12	-	·13	·05	23
24	·32	·01	-	·04	-	·07	-	-	-	·03	-	·04	24
25	-	-	-	·07	-	-	-	-	·43	-	·09	·17	25
26	-	-	-	1·01	-	·02	-	-	·07	-	-	·55	26
27	·01	-	-	·35	-	-	-	-	-	·16	·05	·18	27
28	·17	-	·10	·31	·08	-	-	-	-	·09	-	·01	28
29	-		·25	·43	·07	-	-	-	-	·30	·04	-	29
30	·42		-	-	·05	-	-	·11	-	·25	·13	-	30
31	-		·20		·04		-	-		-		-	31
Total	3·60	1·31	2·83	3·67	2·21	1·96	·84	2·02	1·20	2·59	2·46	2·20	YEAR'S TOTAL 26·99
Rain Days.	16	14	21	18	18	14	11	8	13	14	22	15	184

W.7,000, XI. 13

2819

FORM A.
BRITISH RAINFALL

Bz. MS

REGISTER OF RAINFALL IN 1914

Kept at Howley Yard, Warrington
in the County of Lancaster S 2
by Andrew M. Ker, B.Sc, A.M.I.C.E.

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Arpley, L&N.W. Rly.
6 - JAN 1915
Diameter of Rain Gauge 10 in.
Height of top of Gauge above Ground — ft. 10 in.
" " " " Sea Level 19 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·13.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	-	-	·07	-	·26	-	·51	·37	-	-	-	·24	1
2	·01	-	-	-	·02	-	·76	·34	-	·01	·22	·21	2
3	·06	-	·07	-	·23	-	·05	·13	-	-	-	·45	3
4	·30	-	·16	·20	·13	-	·03	-	-	-	·36	·12	4
5	·16	-	·29	·07	·18	·03	·15	-	-	-	·01	·08	5
6	-	·01	·01	·14	·13	·06	-	·02	-	-	·09	·02	6
7	·01	·02	·22	·04	-	·01	·02	·20	-	-	·07	·17	7
8	·25	·01	-	-	·20	·01	·02	·19	-	-	-	·02	8
9	·28	·03	·13	·50	·04	·03	-	·31	·03	-	·05	-	9
10	·04	·07	·04	·15	·02	·40	-	-	·13	-	·07	-	10
11	-	·13	·50	·01	·01	·01	·04	-	·24	-	·36	·18	11
12	-	·19	·16	·01	·04	·58	·08	-	·53	-	·31	·08	12
13	-	·13	·05	-	-	·05	·04	-	·05	·12	·25	·18	13
14	-	·15	·07	-	-	-	-	-	·03	·02	·22	·22	14
15	-	·10	·22	-	-	-	-	-	-	-	·05	-	15
16	·01	-	·03	-	-	-	1·08	-	·47	-	-	-	16
17	·02	·27	·21	-	-	-	·11	-	·33	-	-	·52	17
18	-	-	·01	-	-	·07	-	-	·07	-	-	-	18
19	-	·02	-	-	-	-	-	-	·17	-	-	·26	19
20	-	·09	·15	-	-	-	·01	-	-	·07	-	·18	20
21	-	·09	-	-	-	·40	-	-	-	·04	-	·20	21
22	-	·02	-	·02	·10	·14	-	·08	·16	-	-	-	22
23	-	·03	·05	·06	·05	·09	·18	-	·06	-	·05	·01	23
24	·06	-	·30	·07	·05	-	·23	·27	-	-	·10	-	24
25	·06	-	-	·07	-	-	·08	·22	-	·68	·05	·28	25
26	-	-	·01	-	-	-	-	·25	·02	·16	·23	·22	26
27	·10	-	-	-	-	-	-	-	-	·37	·21	·99	27
28	·05	·09	·10	-	·01	-	-	-	-	·01	·11	·11	28
29	·05	-	·07	-	·03	-	·10	·01	-	·11	·08	·12	29
30	-	X	·01	-	-	-	-	·30	-	-	·16	·07	30
31	·16	X	-	X	-	X	·35	-	X	-	X	-	31
Total	1·62	1·45	2·93	1·34	1·50	1·88	3·84	2·69	2·29	1·59	3·05	4·93	YEAR'S TOTAL 29·11 ✓
Rain Days.	16	17	23	12	16	13	18	13	13	10	20	23	194 ✓

W. 8,000. X. 14.

Looked 11/4/16

[illegible] Obs 13.11.16

3004

FORM A.
BRITISH RAINFALL.

17 JAN 1916

REGISTER OF RAINFALL IN 1915

Kept at Arpley Yard, Warrington

in the County of Lancashire

by Andrew M. Ker
Borough Engineer & Surveyor.

Lat. 53·20 Long. 2·36

Time of Observation 9 a.m.

Nearest Railway Station Arpley. L&N.W. Rly

Diameter of Rain Gauge 10 in.

Height of top of Gauge above Ground — ft. 13 in.

" " " " Sea Level 19 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·07

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·13	·24	-	-	·31	-	·06	·08	-	-	-	·36	1
2	-	·33	·25	·21	·32	·11	·10	·19	-	01	-	·01	2
3	·64	·04	·01	·14	-	—	·21	·03	-	-	-	·24	3
4	·01	·22	·10	-	-	·06	·51	-	-	-	-	·81	4
5	·04	-	·18	-	-	·01	-	-	-	-	-	·45	5
6	·57	-	·08	·18	-	-	·43	-	-	-	·02	·21	6
7	·23	·25	-	·19	-	-	·23	·53	-	-	·31	·13	7
8	·26	-	-	·13	-	-	-	·28	-	-	·36	·44	8
9	·56	·28	-	·17	-	-	-	·22	-	-	-	-	9
10	-	·01	·10	·64	-	-	·01	·14	-	-	·10	·02	10
11	·17	·31	-	·04	·30	-	-	·24	-	-	·44	·07	11
12	·23	-	-	·03	·09	-	·35	·18	-	-	·50	·07	12
13	·05	·04	-	·02	-	-	-	·15	-	·22	·11	-	13
14	-	-	-	-	·05	-	·32	·08	·18	-	·02	·22	14
15	·53	-	-	-	-	-	·13	·01	-	-	·25	·09	15
16	-	·15	-	-	·14	-	·65	·74	-	-	-	·01	16
17	-	·27	·09	-	·09	-	-	-	-	-	·02	·06	17
18	·02	·20	·24	-	-	-	-	-	-	-	-	-	18
19	-	·34	·09	·01	·09	-	·16	-	-	-	-	-	19
20	·08	·04	-	-	-	-	-	-	-	-	-	·20	20
21	·19	-	-	·06	-	-	·32	-	-	-	-	·22	21
22	-	·07	·14	-	-	·06	·02	·01	-	-	-	·08	22
23	-	·01	·07	-	-	·02	·04	-	-	-	-	·03	23
24	-	-	·21	·06	-	-	-	-	·02	·12	-	·12	24
25	-	-	-	-	-	·72	·39	-	-	·46	-	·13	25
26	-	·38	-	-	-	·04	·50	-	-	·30	-	·25	26
27	-	·11	-	-	-	-	·07	-	·12	-	-	·19	27
28	-	-	-	-	·01	·15	-	·39	-	·37	-	·01	28
29	·01	-	-	-	-	·05	-	-	-	-	·11	·04	29
30	·10		-	·08	-	-	-	-	-	·08	·02	-	30
31	·10		-		-		·06	·41		·05		·31	31
Total	3·92	2·69	1·56	1·39	1·43	1·22	3·66 3·66	3·68	·32	1·61	2·26	4·77	YEAR'S TOTAL 28·51 28·51
Rain Days.	18	18	12	14	9	9	19	16	3	8	12	26	164

W. 8,000. X. 14.

2918

Exd C F E

FORM BRITISH RAINFALL
13 JUN 1917

REGISTER OF RAINFALL IN 1916.

Kept at Howley Yard, Warrington
in the County of Lancashire.
by Borough Engineer & Surveyor

Lat. 53° 23' 7½" Long. 2° 35' 6".
Time of Observation 9 a.m.
Nearest Railway Station Warrington
Diameter of Funnel of Rain Gauge 10 in.
Height of top of Gauge above Ground — ft. 9 in.
" " " " Sea Level 25.95 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·07	·01	·10	-	·09	·12	·13	–	–	-	·18	-	1
2	·20	·18	-	-	-	·02	·22	–	·44	·37	·03	·01	2
3	-	·07	-	·03	-	·05	·02	–	·94	·23	·19	·01	3
4	·08	·09	-	–	·46	·20	·22	–	·01	·18	·28	–	4
5	·02	·02	·01	-	·09	·57	-	-	-	·52	·35	-	5
6	·49	·79	·01	-	·48	·21	·18	–	-	·15	·23	·06	6
7	-	–	-	–	-	-	·18	-	-	·09	·04	·39	7
8	·04	·08	–	-	·01	·36	·05	–	-	·02	·44	·09	8
9	·11	-	·01	-	·24	·72	-	-	·19	–	·03	·11	9
10	-	·29	-	·10	-	·09	·06	-	·02	–	–	–	10
11	·02	·23	·06	·65	·04	–	·47	-	·08	-	–	–	11
12	·27	·08	-	-	·25	-	-	·07	–	·09	·01	·02	12
13	–	·28	·14	·03	·01	–	–	·26	-	·27	·01	·05	13
14	·02	·21	–	·15	·20	–	-	·20	·08	·30	–	–	14
15	–	·37	·38	·06	·05	-	·03	·21	·13	·19	–	-	15
16	·03	·29	·23	·27	-	-	·05	-	-	·09	–	-	16
17	·13	·11	-	·28	-	–	·03	·04	·58	·11	–	-	17
18	–	·13	-	·37	–	·06	–	·17	·31	·15	·29	·20	18
19	·26	-	·18	·12	–	-	-	·22	-	–	·11	-	19
20	·15	-	·16	·25	–	-	–	-	-	-	-	·04	20
21	·01	-	–	–	·06	-	·22	-	–	-	·03	–	21
22	–	-	–	–	-	·05	–	–	-	·18	·08	·12	22
23	-	-	·14	-	·05	-	–	·06	-	·02	-	·47	23
24	-	·09	–	-	·04	-	-	·32	-	·18	-	·10	24
25	·06	·06	·18	–	–	-	-	·10	·04	-	·24	·02	25
26	-	·03	·04	–	–	-	·73	·30	-	·03	·02	-	26
27	·01	·02	–	-	–	·13	-	·08	·18	·45	-	·03	27
28	-	·16	–	-	–	-	–	–	-	·09	-	·25	28
29	-	·24	–	–	–	·16	–	-	-	·14	·01	·40	29
30	-	╳	–	-	-	·32	-	–	–	·14	·01	-	30
31	–	╳	–	╳	·02	╳	-	·07	╳	·24	╳	·14	31
													YEAR'S TOTAL
Total	1·92.	3·83	1·64	2·31	2·09	3·06	2·59	2·10	3·00	4·23	2·58	2·51	31·86
Rain Days.	17	22	13	11	15	14	14	13	12	23	19	18	191

W. 8,000, VIII. 16

REGISTER OF RAINFALL IN 1917

FORM A. BRITISH RAINFALL.

24. JAN 1918

Kept at Howley Yard Warrington

in the County of Lancaster.

by Warrington Corporation

Lat. 53°23′7½″ N. Long. 2°35′6″ W.

Time of Observation 9 a.m.

Nearest Railway Station Warrington Arpley

Diameter of Funnel of Rain Gauge 10 in.

Height of top of Gauge above Ground — ft. 9 in.

" " " " Sea Level 25·95 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	-	-	-	·05	-	·19	-	·30	·20	-	·17	·31	1
2	·16	-	-	·01	-	·07	-	·04	-	·02	·02	·07	2
3	-	·21	-	-	-	·19	-	·02	-	·45	·06	·04	3
4	·22	·02	·02	-	-	-	-	-	-	·68	-	·02	4
5	·14	-	·14	·06	-	-	-	·15	-	·24	·24	·01	5
6	·02	-	-	-	-	·20	-	-	-	·36	·41	-	6
7	·43	-	-	-	-	·21	-	-	-	·42	·25	·04	7
8	·14	-	-	·20	-	-	-	·65	-	·61	·33	·24	8
9	-	-	·05	·18	·08	-	-	·09	-	·31	·16	-	9
10	·43	-	·55	·22	·21	-	-	·07	-	·02	-	-	10
11	·11	-	-	·05	·03	-	-	·16	·05	·47	·02	·02	11
12	·02	-	-	-	·55	-	-	·20	·01	·27	-	-	12
13	-	-	-	·04	·28	-	-	·18	·26	-	·07	·07	13
14	·03	-	-	·11	·20	-	-	·08	-	-	-	·09	14
15	·03	-	-	·11	-	-	·17	-	·02	·09	-	·36	15
16	-	·12	-	·09	-	-	·05	·06	·01	-	·05	·20	16
17	-	-	·14	·32	·16	·49	·35	1·46	·07	·27	-	-	17
18	-	-	·04	·06	·19	·02	·36	-	·33	-	-	-	18
19	-	·31	·34	-	·15	·15	-	-	-	-	·02	-	19
20	-	·20	-	-	·25	·51	-	·10	-	-	·61	-	20
21	-	·02	·08	-	·37	·15	-	·06	-	·06	·02	-	21
22	-	-	-	-	-	-	-	·14	·19	·23	·10	-	22
23	-	·17	-	-	·12	·08	·02	·15	-	·18	-	·23	23
24	-	-	·02	-	-	-	-	-	-	·35	·16	·01	24
25	-	·10	·05	-	-	-	-	·24	-	-	·08	-	25
26	-	-	-	-	-	·25	-	·50	·24	·24	·81	-	26
27	-	-	·02	-	·54	·06	·21	·63	-	·14	·03	·03	27
28	-	·04	·07	-	-	·16	·01	·59	·06	·10	·01	-	28
29	-		·02	-	-	-	·03	·05	-	·54	-	-	29
30	-		·07	-	-	-	-	·15	-	·04	·08	-	30
31	-		·35		-		-	·17		-		-	31
Total	2·03	1·19	1·96	1·50	3·13	2·73	1·20	6·24	1·44	6·09	3·40	1·74	YEAR'S TOTAL 32·95
Rain Days	11	9	15	13	13	14	8	24	11	22	21	15	176

W. 8,000, IX. 17.

12

REGISTER OF RAINFALL IN 1918.

FORM A.
BRITISH RAINFALL.

11 6 . 19

Kept at Howley Yard Warrington
in the County of S. Lancashire
by The Borough Engineer & Surveyor

Lat. 53° 23′ 7½″ Long. 2° 35′ 6″ W
Time of Observation 9 A.M.
Nearest Railway Station Warrington Arpley
Diameter of Funnel of Rain Gauge 10 in.
Height of top of Gauge above Ground ft. 9 in.
" " " " Sea Level 25·95 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	-	·08	-	·28	-	-	-	-	·51	·14	-	·02	1
2	-	·01	-	·04	-	-	-	·12	·13	·02	·25	·88	2
3	-	·03	-	-	·57	-	-	·03	-	-	-	·01	3
4	·07	·03	-	-	-	-	-	·02	·40	·45	·17	·11	4
5	-	-	·01	·10	·22	-	-	·36	·16	·23	-	-	5
6	·07	·85	-	·26	-	·20	-	·03	·02	·20	-	-	6
7	·01	·04	-	·08	·01	-	-	·02	·10	·33	·12	-	7
8	·12	·05	·01	-	-	-	·20	-	·16	·17	·02	-	8
9	·16	·54	-	·06	-	·44	·02	-	·86	·41	·02	·01	9
10	·04	·18	-	·01	-	-	·09	-	·08	·12	·28	·07	10
11	·15	·14	-	·11	·12	-	·03	·01	·24	·03	-	·11	11
12	·02	·24	-	·20	·10	-	·46	-	·31	·02	-	·06	12
13	-	-	-	-	·10	-	-	-	-	·25	-	-	13
14	·19	-	-	-	-	·07	·33	-	·84	·03	-	·27	14
15	·16	-	-	-	·01	·01	·43	-	·86	·04	·03	·29	15
16	-	-	-	·04	-	·07	·12	·12	·21	-	-	·23	16
17	·23	-	-	-	·18	-	·10	-	·05	·10	-	·10	17
18	·24	-	·06	-	-	·16	·71	-	·41	-	-	·49	18
19	·04	·02	·30	·03	-	-	·21	-	·26	·09	-	·58	19
20	·08	·57	-	·14	-	·12	·21	-	·10	-	-	·05	20
21	·22	·18	-	·04	·17	·15	·10	-	·20	-	-	·10	21
22	·03	-	-	-	1·19	·19	·28	·05	·12	-	-	·53	22
23	·09	-	-	-	·51	-	·41	-	·16	-	·01	·33	23
24	-	·03	-	-	-	-	·09	·27	·08	·01	·10	·12	24
25	-	-	-	-	·03	·04	1·04	·46	·12	·02	·02	-	25
26	-	-	-	-	-	-	·64	·04	·19	·01	·10	·09	26
27	-	·14	·17	-	-	·03	-	·27	·42	-	·13	·64	27
28	-	·02	·25	-	-	-	-	·24	·13	-	·49	·97	28
29	-	-	-	-	-	-	-	-	·18	-	-	·10	29
30	-	×	·31	-	-	-	-	·12	-	-	·08	·20	30
31	-	×	·04	×	-	×	-	·12	×	·02	×	·02	31
Total	1·92	3·15	1·15	1·39	3·21	1·48	5·47	2·28	7·29	2·69	1·82	6·38	YEAR'S TOTAL 38·23
Rain Days.	17	17	8	13	12	11	18	16	27	20	14	25	198

W, 6,500, VII. 18. W W C

2021

[illegible]

JAN 2

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Howley Yard, Warrington

in the County of Lancaster

by the Borough Engineer & Surveyor

Lat. 53° 23′ 7½″ N. Long. 2° 35′ 6″ W.

Time of Observation 9 a.m.

Nearest Railway Station Warrington Arpley

Diameter of Funnel of Rain Gauge 10 in.

Height of top of Gauge above Ground — ft. 9 in.

" " " Sea Level 25·95 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·30	·	·02	·07	·48	·	·17	·	·43	·29	·	·07	1
2	·18	·	·53	·	·	·	·21	·01	·09	·	·	·12	2
3	·08	·	·	·	·02	·22	·05	·	·01	·	·01	·06	3
4	·43	·	·34	·	·	·	·01	·28	·	·	·	·08	4
5	·01	·02	·	·01	·19	·	·	·	·	·	·	·38	5
6	·02	·	·34	·	·35	·	·	·	·	·	·	·24	6
7	·02	·	·29	·04	·	·23	·	·	·	·	·05	·	7
8	·15	·	·01	·	·	·05	·	·	·	·	·	·	8
9	·09	·	·07	·04	·	·	·	·	·	·	·	·	9
10	·	·	·32	·10	·	·	·	·	·	·03	·	·20	10
11	·	·	1·02	·05	·02	·	·	·	·	·03	·	·	11
12	·01	·	·48	·03	·	·	·	·	·01	·12	·11	·	12
13	·28	·03	·	·09	·	·	·	·	·	·34	·	·07	13
14	·48	·	·	·15	·	·	·	·	·	·08	·	·05	14
15	·32	·07	·	·32	·	·	·	·01	·	·	·01	·39	15
16	·12	·25	·	·	·01	·01	·	·	·	·09	·36	·01	16
17	·03	·01	·	·04	·	·19	·02	·25	·	·	·81	·02	17
18	·	·	·62	·	·	·	·05	·61	·16	·	·03	·18	18
19	·31	·25	1·24	·01	·	·15	·04	·15	·30	·	·21	·25	19
20	·	·02	·	·	·	·20	·	·09	·24	·	·	·59	20
21	·	·	·	·	·	·	·22	·	·04	·	·02	·26	21
22	·	·08	·	·	·	·08	·	·04	·56	·	·02	1·36	22
23	·	·	·	·	·	·12	·	·01	·	·90	·37	·11	23
24	·	·	·	·	·19	·	·	·03	·06	·12	·13	·32	24
25	·17	·	·	·11	·14	·01	·	·41	·09	·	·14	·20	25
26	·	·02	·33	·06	·	·16	·	·48	·20	·	·09	·43	26
27	·17	·	·	·22	·	·	·01	·07	·	·	·	·11	27
28	·	·01	·01	·01	·	·	·	1·07	·	·	·	·49	28
29	·05	·	·08	·01	·	·	·	·08	·01	·09	·	·10	29
30	·		·13	·22	·	·14	·	·	·	·05	·06	·12	30
31	·		·15		·		·18	·01		·		·11	31
TOTAL	3·22	·76	5·98	1·58	1·40	1·56	·96	~~3·50~~ 3·60	2·20	2·14	2·42	6·32	YEAR'S TOTAL ~~32·04~~ 32·14
Days with ·01 in. or more	19	10	17	18	8	12	10	16	13	11	15	26	175.

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

Ex Wm 2507 Dg

8 JAN 192

Form A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION**

REGISTER OF RAINFALL IN 1920.

Kept at Howley Yard, Warrington

in the County of Lancashire

by Borough Engineer & Surveyor

Lat. 53°23′7½″N. Long. 2°35′6″W.

Time of Observation 9 a.m.

Nearest Railway Station Arpley (L. N. W. R.).

Diameter of Funnel of Rain Gauge 10 in.

Height of top of Gauge above Ground – ft. 9 in.

" " " " Sea Level 25·95 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·15	–	·06	·05	·22	–	·21	·05	·11	–	–	·16	1
2	·01	–	–	·12	–	–	·29	–	·12	·35	–	·04	2
3	·01	·07	–	·12	·11	·01	·65	·03	·10	·07	–	·03	3
4	–	–	–	·05	·02	–	·06	·54	·05	·13	–	–	4
5	–	–	·03	–	·78	–	·06	·11	·29	·20	–	–	5
6	–	–	·52	·16	·15	–	–	–	–	–	–	–	6
7	–	·05	·04	·02	–	–	·29	–	–	–	–	–	7
8	·20	·03	–	·29	·07	–	·45	·08	–	–	–	–	8
9	·30	·24	–	·36	–	–	·13	·07	–	–	–	–	9
10	·29	·15	·02	·01	–	–	–	–	–	–	–	–	10
11	·39	·09	·02	·08	·22	·69	·31	–	–	–	–	·04	11
12	·14	·01	·02	·21	·02	·56	–	·02	–	–	·16	·06	12
13	·29	·05	·14	·01	–	·11	–	–	–	–	·02	–	13
14	–	·06	·27	·15	–	·55	·03	–	·45	·40	·14	–	14
15	–	·12	–	·16	–	–	–	–	–	–	·05	–	15
16	–	–	·02	·15	·28	·30	·42	–	·09	·02	–	–	16
17	–	–	·03	–	·13	–	–	·11	·22	–	–	–	17
18	–	–	–	·13	·15	–	·14	·07	·08	–	–	–	18
19	·14	1·21	–	·02	·14	·04	–	·10	·08	–	–	–	19
20	–	–	–	·31	–	–	·06	–	–	–	–	·02	20
21	·21	–	–	·01	–	·05	·31	–	–	–	–	·11	21
22	–	–	–	·35	–	–	·14	·09	–	–	–	–	22
23	–	–	·05	·04	–	–	·33	·05	–	–	–	·43	23
24	–	·04	·38	·03	–	–	–	·01	–	–	–	·22	24
25	·02	–	·05	·07	–	–	·91	–	–	–	–	–	25
26	·21	·02	·36	·21	·09	–	·01	–	–	–	–	–	26
27	·28	–	·10	·25	·34	·23	·04	–	–	–	·06	·08	27
28	·57	–	·29	·20	·35	·01	·02	–	–	–	–	·09	28
29	–	–	·23	·03	·93	–	·26	–	–	–	·11	·34	29
30	·11		·02	·26	–	·13	–	–	·40	–	·06	·11	30
31	·09		·03		·06		·03	–		·13		–	31
Total	3·41	2·14	2·68	3·85	4·06	2·68	5·15	1·33	1·99	1·30	·60	1·73	Year's Total 30·92.
Days with ·01 in. or more	17	13	20	28	17	11	22	13	11	7	7	13	179
Days with ·04 in. or more	14	10	12	21	15	9	18	10	11	6	6	11	143

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

FORM A.
BRITISH RAINFALL.

22 JAN 1916

RE ... '5

WATERFOOT. COWPE RES

LANCASHIRE

1915 - 1916.

Kept at Cowpe Re
in the County of Lan
by Bacup Corporat
per W. H. Ue.

g W. 2° 14' 30"
A.M. daily
n Waterfoot
e 5 in.
above Ground 1 ft. 0 in.
" Sea Level 1026 ft.

IMPORTANT N ... and the result entered to the previous day. If an ... universal rule, he is earnestly requested to add the r ... year in the space provided for it at the end of ... urement of rain, the selection and plac ... British Rainfall Organization are given ... on application to Dr. H. R. Mill, 62, (

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·26	·80	·05	·00	·33	·00	·00	·18	·17	·00	·01	·11	1
2	·02	·51	·33	·38	·00	·06	·56	·37	·00	·09	·00	·00	2
3	·62	·01	·19	·44	·00	·00	·33	·02	·00	·01	·01	·61	3
4	·07	·60	·01	·00	·08	·00	·41	·00	·01	·00	·00	·66	4
5	·28	·25	·28	·00	·00	·07	·00	·04	·00	·00	·00	1·29	5
6	·43	·10	·10	·54	·00	·00	·54	·03	·00	·01	·01	·70	6
7	·85	1·00	·00	·14	·14	·00	·32	·64	·00	·00	·00	·21	7
8	·55	·15	·00	·22	·00	·00	·00	·07	·00	·00	·57	·00	8
9	·00	·06	·00	·04	·00	·00	·02	·08	·00	·10	·28	·37	9
10	·94	·00	·10	·02	·00	·00	·03	·56	·00	·01	·00	·44	10
11	·13	·00	·02	·09	·76	·00	·17	·76	·00	·02	·10	·47	11
12	·37	·00	·01	·09	·11	·00	·03	·34	·00	·44	·61	·00	12
13	·25	·49	·02	·00	·00	·00	·13	·00	·00	·01	·00	·04	13
14	·24	·00	·00	·08	·00	·00	·12	·21	·13	·00	·00	·46	14
15	1·20	·00	·00	·00	·00	·00	·09	·01	·07	·00	·19	·68	15
16	·00	·69	·00	·06	·20	·00	1·04	·67	·00	·00	·00	·02	16
17	·00	·68	·02	·01	·02	·00	·08	·00	·00	·00	·00	·01	17
18	·03	·56	·20	·00	·00	·00	·00	·00	·00	·00	·01	·00	18
19	·09	·25	·12	·11	·31	·00	·44	·00	·00	·02	·00	·00	19
20	·59	·04	·04	·06	·23	·00	·08	·03	·00	·00	·00	·49	20
21	·12	·02	·00	·03	·00	·00	·29	·00	·00	·00	·00	·15	21
22	·10	·00	·06	·00	·00	·02	·10	·00	·00	00 ~~·09~~	·00	·22	22
23	·03	·06	·23	·00	·00	·02	·36	·00	·02	69 ~~·42~~	·00	·28	23
24	·00	·00	·11	·03	·00	·08	·00	·00	·34	12 ~~·01~~	·00	·84	24
25	·00	·00	·00	·00	·00	·27	·00	·00	·15	·01	·00	·26	25
26	·02	·74	·00	·00	·00	·21	·28	·00	·00	·00	·00	·73	26
27	·00	·27	·00	·00	·00	·05	·12	·00	·00	·78	·00	·42	27
28	·00	·26	·03	·00	·04	·06	·00	·46	·00	·12	·00	·00	28
29	·00	X	·00	·00	·05	·14	·00	·01	·00	00	·39	·08	29
30	·19	X	·00	·09	·00	·03	·00	·08	·00	00	·00	·01	30
31	·18	X	·00	X	·00	X	·01	·50	X	·23	X	·45	31
Total	7·56	7·54	1·92	2·34	2·27	1·01	5·55	5·06	·89	2·66	2·18	10·00	YEAR'S TOTAL 48·98
Rain Days.	23	20	18	16	11	11	22	19	7	15	10	25	197

W. 8,000. X. 14.

RE 5

FORM A.
BRITISH RAINFALL.

22 JAN 1916

Kept at Cowpe Reservoir Waterfoot

in the County of Lancaster

by Bacup Corporation Waterworks Committee
per W. H Lee

Lat 53·40·45 Long W 2°·14'·30"

Time of Observation 9 A·M daily

Nearest Railway Station Waterfoot

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 1026 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·26	·80	·05	·00	·33	·00	·00	·18	·17	·00	·01	·11	1
2	·02	·51	·33	·38	·00	·06	·56	·37	·00	·09	·00	·00	2
3	·62	·01	·19	·44	·00	·00	·33	·02	·00	·01	·01	·61	3
4	·07	·60	·01	·00	·08	·00	·41	·00	·01	·00	·00	·66	4
5	·28	·25	·28	·00	·00	·07	·00	·04	·00	·00	·00	1·29	5
6	·43	·10	·10	·54	·00	·00	·54	·03	·00	·01	·01	·70	6
7	·85	1·00	·00	·14	·14	·00	·32	·64	·00	·00	·00	·21	7
8	·55	·15	·00	·22	·00	·00	·00	·07	·00	·00	·57	·00	8
9	·00	·06	·00	·04	·00	·00	·02	·08	·00	·10	·28	·37	9
10	·94	·00	·10	·02	·00	·00	·03	·56	·00	·01	·00	·44	10
11	·13	·00	·02	·09	·76	·00	·17	·76	·00	·02	·10	·47	11
12	·37	·00	·01	·09	·11	·00	·03	·34	·00	·44	·61	·00	12
13	·25	·49	·02	·00	·00	·00	·13	·00	·00	·01	·00	·04	13
14	·24	·00	·00	·08	·00	·00	·12	·21	·13	·00	·00	·46	14
15	1·20	·00	·00	·00	·00	·00	·09	·01	·07	·00	·19	·68	15
16	·00	·69	·00	·06	·20	·00	1·04	·67	·00	·00	·00	·02	16
17	·00	·68	·02	·01	·02	·00	·08	·00	·00	·00	·00	·01	17
18	·03	·56	·20	·00	·00	·00	·00	·00	·00	·00	·01	·00	18
19	·09	·25	·12	·11	·31	·00	·44	·00	·00	·02	·00	·00	19
20	·59	·04	·04	·06	·23	·00	·08	·03	·00	·00	·00	·49	20
21	·12	·02	·00	·03	·00	·00	·29	·00	·00	·00	·00	·15	21
22	·10	·00	·06	·00	·00	·02	·10	·00	·00	00 ~~·69~~	·00	·22	22
23	·03	·06	·23	·00	·00	·02	·36	·00	·02	69 ~~·42~~	·00	·28	23
24	·00	·00	·11	·03	·00	·08	·00	·00	·34	12 ~~·01~~	·00	·84	24
25	·00	·00	·00	·00	·00	·27	·00	·00	·15	·01	·00	·26	25
26	·02	·74	·00	·00	·00	·21	·28	·00	·00	·00	·00	·73	26
27	·00	·27	·00	·00	·00	·05	·12	·00	·00	·78	·00	·42	27
28	·00	·26	·03	·00	·04	·06	·00	·46	·00	·12	·00	·00	28
29	·00		·00	·00	·05	·14	·00	·01	·00	·00	·39	·08	29
30	·19		·00	·09	·00	·03	·00	·08	·00	·00	·00	·01	30
31	·18		·00		·00		·01	·50		·23		·45	31
Total	7·56	7·54	1·92	2·34	2·27	1·01	5·55	5·06	·89	2·66	2·18	10·00	YEAR'S TOTAL 48·98
Rain Days.	23	20	18	16	11	11	22	19	7	15	10	25	197

W. 8,000. X. 14.

~~W~~ C 3 E [illegible]

7981

FORM A.
BRITISH RAINFALL.

2 JAN 1917

REGISTER OF RAINFALL IN 1916

Kept at Cowpe Reservoir Waterfoot

in the County of Lancaster

by Bacup Corporation (W.H. Ell. Engineer)

Lat. 53° 40' 45" Long. W. 2° 14' 30"

Time of Observation 9 A.M. daily

Nearest Railway Station Waterfoot

Diameter of Funnel of Rain Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 1026 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·31	·14	·10	·00	·00	·45	·67	·02	·00	·00	·23	·00	1
2	·25	·28	·07	·00	·00	·06	·01	·00	·33	·15	·06	·00	2
3	·00	·11	·00	·02	·00	·04	·33	·00	·78	·16	·26	·04	3
4	·09	·22	·00	·01	·45	1·56	·01	·00	·01	·86	·35	·00	4
5	·26	·54	·00	·00	·07	·30	·00	·00	·00	1·66	·39	·00	5
6	1·03	·35	·04	·00	·66	·09	·19	·00	·00	·39	·64	·06	6
7	·06	·23	·04	·00	·30	·08	·11	·00	·00	·30	·08	·38	7
8	·01	·13	·15	·01	·01	·11	·04	·00	·00	·09	·37	·02	8
9	·14	·00	·11	·00	·16	·10	·02	·00	·01	·00	·20	·11	9
10	·03	·02	·02	·12	·00	·21	·07	·00	·00	·43	·02	·03	10
11	(·09)	·63	·13	·72	·01	·04	·06	·00	·06	·00	·01	·15	11
12	·18	·41	·32	·17	·54	·01	·68	·11	·06	·25	·01	·02	12
13	·00	·24	·08	·28	·01	·00	·00	·91	·01	1·53	·01	·12	13
14	·04	·23	·01	·12	·47	·00	·00	·41	·08	·14	·00	·00	14
15	·03	·49	·36	·07	·00	·00	·04	·60	·18	·07	·00	·00	15
16	·04	·15	·68	·55	·00	·00	·12	1·39	·01	·05	·00	·00	16
17	·23	·20	·00	·56	·00	·00	·11	·04	1·06	·20	·00	·00	17
18	·00	·41	·00	·20	·00	·00	·00	·07	·28	·13	·35	·03	18
19	·30	·04	·39	·21	·00	·00	·00	·12	·03	·00	·20	·05	19
20	·43	·00	·26	·15	·00	·00	·00	·00	·00	·00	·13	·06	20
21	·26	·00	·01	·00	·02	·00	·30	·00	·00	·00	·00	·00	21
22	·00	·02	·00	·00	·00	·15	·00	·00	·00	·27	·00	·10	22
23	·05	·01	·05	·21	·00	·01	·00	·03	·00	·02	·43	·22	23
24	·00	·16	·00	·05	·00	·03	·00	·14	·00	·00	·00	·10	24
25	·19	·14	·24	·00	·14	·02	·00	·86	·00	·07	·37	·03	25
26	·18	·05	·06	·00	·00	·01	·00	·05	·00	·00	·02	·00	26
27	·00	·22	·01	·00	·09	·04	·00	·38	·01	·56	·00	·00	27
28	·02	·06	·00	·00	·00	·00	·00	·01	·00	·94	·15	·57	28
29	·01	·19	·00	·00	·00	·16	·00	·00	·00	·76	·01	·88	29
30	·02	X	·00	·00	·00	·04	·01	·00	·00	·77	·06	·09	30
31	·00	X	·00	X	·02	X	·02	·17	X	·07	X	·36	31
Total	4·25	5·67	3·13	3·45	2·95	3·54	2·79	5·31	3·01	9·87	4·28	3·42	YEAR'S TOTAL 51·67 ✓
Rain Days.	24	26	20	16	14	20	17	16	14	23	22	20	232

W. 8,000, VIII. 16

WD cnd. 1. V. 12

REG 1.

FORM A2.
BRITISH RAINFALL.
1 1912

WATERSHEDDLES RES

LANCASHIRE
1911- 1920

Kept at WORTHDALE Watersheddles
in the County of Lanca
by The Keighley

Snowdon
5 in.
Ground 1 ft. 0 in.
Sea Level 1,115. ft.
A.M.
Name Haworth.
Distance Direction East.

IMPORTANT NOTE. the result entered to the previous day. If an Obser ersal rule, he is earnestly requested to add the readin ear in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·00.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	Sunday	·00	·16	·03	·01	·11	·43	·00	·00	Sunday	·01	·01	1
2	·43	·00	·85	Sunday	·22	·00	Sunday	·04	·00	·01	·29	·03	2
3	·17	·00	·07	·00	·60	·00	·07	·06	Sunday	·17	·08	Sunday	3
4	·02	·00	·65	·00	·04	Sunday	·00	·01	·10	·03	·50	·44	4
5	·04	Sunday	Sunday	·06	·05	·00	·01	·26	·01	·06	Sunday	·62	5
6	·40	·00	·14	·00	·00	·00	·00	Sunday	·00	·20	1·32	·09	6
7	·00	·00	·01	·05	Sunday	·00	·00	1·06	·00	·21	·24	·53	7
8	Sunday	·00	·02	·00	·00	·00	·00	·00	·00	Sunday	·18	·06	8
9	·42	·00	·27	Sunday	·00	·00	Sunday	·00	·00	·12	·03	·21	9
10	·04	·01	·00	·01	·00	·00	·00	·00	Sunday	·00	·00	Sunday	10
11	·45	·05	·13	·00	·00	Sunday	·00	·00	·20	·00	·00	1·11	11
12	·10	Sunday	Sunday	·00	·10	·00	·00	·03	·09	·00	Sunday	·78	12
13	·06	·06	·30	·00	·00	·00	·00	Sunday	1·07	·00	1·13	·04	13
14	·04	·47	·02	·00	Sunday	·00	·00	·00	·01	·01	·12	·47	14
15	Sunday	·45	·06	·00	·37	·00	·00	·00	·00	Sunday	·01	·80	15
16	·08	·88	·10	Sunday	·00	·00	Sunday	·00	·00	·12	·69	·91	16
17	·18	·80	·21	·08	·00	·19	·05	·00	Sunday	·07	·26	Sunday	17
18	·08	·09	·09	·00	·14	Sunday	·02	·03	·00	·00	·25	·32	18
19	·00	Sunday	Sunday	·01	·00	·72	·00	·00	·01	·13	Sunday	·18	19
20	·00	·64	·11	·12	·00	·05	·07	Sunday	·52	·14	·06	·59	20
21	·00	·85	·00	·45	Sunday	·06	·05	·61	·19	·01	·00	·12	21
22	Sunday	·50	·02	·00	·00	·00	·07	·17	·03	Sunday	·02	·19	22
23	·20	·40	·00	Sunday	·05	·06	Sunday	·00	·00	·76	·09	·01	23
24	·15	·17	·00	·04	·08	·18	·00	·06	Sunday	·15	·00	Sunday	24
25	·34	·22	·02	·24	·00	Sunday	·02	·03	·11	[illegible]	·00	·51	25
26	·11	Sunday	Sunday	·55	·03	1·95	·00	·01	·36	·36	Sunday	·42	26
27	·00	·76	·00	·41	·00	·01	·01	Sunday	·73	·79	·32	·82	27
28	·07	·62	·04	·26	Sunday	·13	·00	·59	·38	·00	·01	·17	28
29	Sunday		·03	·71	·01	·34	·00	·01	·10	Sunday	·02	·56	29
30	·01		·02	·36	·00	·84	Sunday	·00	·50	·93	·01	·16	30
31	·00		·01		·03		·03	·00		·26		·00	31
	-	·16	·03	·01	·11	·13	-	-	·01	·01	·01	-	
Total	~~3·39~~	~~6·97~~	~~3·33~~	~~3·38~~	~~2·11~~	~~5·34~~	~~·53~~	~~2·96~~	~~3·92~~	~~4·52~~	~~5·84~~	~~8·65~~	TOTAL for year ~~50·84.~~
No. of Rain Days.	These columns cannot be filled in as the gauge is not read on Sundays.												
	2·96	7·13	3·20	3·36	2·21	5·36	·40	2·96	3·93	4·52	5·84	8·54	50·41

W. 8,000, X. '11.

W D and. 1. V. 12

REGISTER OF RAINFALL IN 1911.

FORM A2. BRITISH RAINFALL.

1 [illegible] 1912

Kept at Worthdale Watersheddles Reservoir.

in the County of Lancashire. C4

by The Keighley Corporation.

RAIN GAUGE
Pattern Symons's Snowdon Raingauge
Diameter of top 5 in.
Height of top above Ground 1 ft. 0 in.
" " " Sea Level 1,115. ft.

Time of Observation 3·0 P.M.

Nearest Railway Station
Name Haworth.
Distance 4 Ms Direction East.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·00.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	Sunday	·00	·16	·03	·01	·11	·43	·00	·00	Sunday	·01	·01	1
2	·43	·00	·85	Sunday	·22	·00	Sunday	·04	·00	·01	·29	·03	2
3	·17	·00	·07	·00	·60	·00	·07	·06	Sunday	·17	·08	Sunday	3
4	·02	·00	·65	·00	·04	Sunday	·00	·01	·10	·03	·50	·44	4
5	·04	Sunday	Sunday	·06	·05	·00	·01	·26	·01	·06	Sunday	·62	5
6	·40	·00	·14	·00	·00	·00	·00	Sunday	·00	·05	1·32	·09	6
7	·00	·00	·01	·05	Sunday	·00	·00	1·06	·00	·21	·24	·53	7
8	Sunday	·00	·02	·00	·00	·00	·00	·00	·00	Sunday	·18	·06	8
9	·42	·00	·27	Sunday	·00	·00	Sunday	·00	·00	·12	·03	·21	9
10	·04	·01	·00	·01	·00	·09	·00	·00	Sunday	·00	·00	Sunday	10
11	·45	·05	·13	·00	·00	Sunday	·00	·00	·20	·00	·00	1·11	11
12	·10	Sunday	Sunday	·00	·10	·00	·00	·02	·09	·00	Sunday	·13	12
13	·06	·06	·30	·00	·00	·00	·00	Sunday	1·07	·00	1·13	·04	13
14	·04	·47	·02	·00	Sunday	·00	·00	·00	·01	·01	·12	·47	14
15	Sunday	·45	·06	·00	·37	·00	·00	·00	·00	Sunday	·01	·80	15
16	·08	·88	·10	Sunday	·00	·00	Sunday	·00	·00	·12	·69	·11	16
17	·18	·80	·21	·08	·00	·19	·05	·00	Sunday	·07	·26	Sunday	17
18	·08	·09	·09	·00	·14	Sunday	·02	·08	·00	·00	·25	·42	18
19	·00	Sunday	Sunday	·01	·00	·72	·00	·00	·01	·13	Sunday	·18	19
20	·00	·64	·11	·12	·00	·05	·07	Sunday	·52	·14	·06	·59	20
21	·00	·85	·00	·45	Sunday	·06	·05	·61	·19	·01	·00	·12	21
22	Sunday	·50	·02	·00	·00	·00	·07	·17	·03	Sunday	·02	·19	22
23	·20	·40	·00	Sunday	·03	·06	Sunday	·00	·00	·76	·09	·01	23
24	·15	·17	·00	·04	·08	·18	·00	·06	Sunday	·45	·00	Sunday	24
25	·34	·22	·02	·24	·00	Sunday	·02	·03	·13	[illegible]	·00	·56	25
26	·11	Sunday	Sunday	·55	·03	1·95	·00	·01	·36	·06	Sunday	·42	26
27	·00	·76	·00	·41	·00	·01	·01	Sunday	·73	·79	·32	·82	27
28	·07	·62	·04	·26	Sunday	·13	·00	·59	·38	·00	·01	·77	28
29	Sunday		·03	·71	·01	·34	·00	·01	·10	Sunday	·02	·56	29
30	·01		·02	·36	·00	·84	Sunday	·00	·50	·93	·01	·16	30
31	·00		·01		·03		·03	·00		·26		·00	31
	-	·16	·03	·01	·11	·13	-	-	·01	·01	·01	-	
Total	~~3·39~~	~~6·97~~	~~3·33~~	~~3·38~~	~~2·11~~	~~5·34~~	~~·53~~	~~2·96~~	~~3·92~~	~~4·52~~	~~5·84~~	~~8·65~~	TOTAL for year ~~50·84.~~
No. of Rain Days.	These columns cannot be filled in as the gauge is not read on Sundays.												
	2·96	7·13	3·20	3·36	2·21	5·36	·40	2·96	3·93	4·52	5·84	8·54	50·41

W. 8,000, X. '11.

REGISTER OF RAINFALL IN 1912.

FORM A.
BRITISH RAINFALL.
13 JAN 1913

Kept at Watersheddles Reservoir.
in the County of Lancashire. C 4
by The Keighley Corporation.

Lat. 53°-50'-15" Long. 2°-2'-55"
Time of Observation 3-0 P.M.
Nearest Railway Station Haworth.
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 1,115. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·04	·00	·11	·04	·00	·27	·08	1·44	Sunday	·01	·00	Sunday	1
2	·05	·01	·38	·04	·02	Sunday	·82	·01	[illegible]	·00	·00	·36	2
3	·20	·00	Sunday	·00	·17	·66	·04	·00	·32	·06	Sunday	·05	3
4	·43	Sunday	·78	·00	·00	·38	·00	Sunday	·14	·00	·10	·13	4
5	·77	·00	·97	·61	Sunday	·82	·00	1·92	·04	·00	·58	·00	5
6	·10	·00	·12	·01	·40	·27	·00	·11	·07	Sunday	·03	·01	6
7	Sunday	·30	·01	Sunday	·05	·00	Sunday	·57	·00	·71	·02	·00	7
8	·25	·19	·13	·41	·25	·03	·32	·05	Sunday	·00	·23	Sunday	8
9	·18	·32	·13	·03	·07	Sunday	·00	·07	·47	·00	·10	·06	9
10	·16	·13	Sunday	·47	·00	1·09	·00	·00	·00	·00	Sunday	·10	10
11	·19	Sunday	·20	·06	·02	·01	·02	Sunday	·00	·00	·75	·03	11
12	·04	·18	·01	·00	Sunday	·00	·02	·07	·00	·01	·03	·80	12
13	·08	·13	·21	·00	·01	·62	·88	·00	·00	Sunday	·01	·41	13
14	Sunday	·01	·04	Sunday	·00	·00	Sunday	·34	·00	·20	·10	·09	14
15	·17	·10	·72	·00	·26	·38	·00	·03	Sunday	·01	·00	Sunday	15
16	·58	·02	·11	·00	·38	Sunday	·00	·04	·01	·12	·00	·96	16
17	·42	·05	Sunday	·00	·00	·74	·00	·05	·00	·14	Sunday	·03	17
18	·00	Sunday	·21	·00	·10	1·07	·00	Sunday	·00	·03	·14	·85	18
19	·00	·76	·06	·00	Sunday	·00	·05	·52	·00	·38	·04	·13	19
20	·32	·11	·91	·00	·29	·06	·03	·31	·00	Sunday	·22	·05	20
21	Sunday	·00	·10	Sunday	·08	·07	Sunday	·14	·00	·97	·01	·02	21
22	·24	·04	·29	·00	·52	·00	·16	·01	Sunday	·16	·00	Sunday	22
23	·09	·09	·01	·00	·66	Sunday	·07	·88	·00	·00	·06	·34	23
24	·15	·01	Sunday	·00	·00	·43	·42	·19	·00	·00	Sunday	·19	24
25	·17	Sunday	·26	·00	·02	·25	1·08	Sunday	·00	·16	1·00	·03	25
26	·00	·04	·03	·00	Sunday	·33	·00	·75	·00	·00	·44	·30	26
27	·00	·42	·21	·00	·00	·04	·25	·01	·00	Sunday	·16	·13	27
28	Sunday	·28	·74	Sunday	·02	·41	Sunday	·01	·00	2·01	·04	·26	28
29	·01	·05	·01	·00	·00	·16	1·04	·63	Sunday	·51	·30	Sunday	29
30	·00		·14		·00	·05	·45	·10	·63	·5	·00	·74	30
31	·02		·66		·22		·14	·00		·02		·04	31
Total	4·66	2·64	7·55	1·67	3·54	8·34	5·87	8·30	2·02	4·99	4·41	6·76	YEAR'S TOTAL 61·75
Rain Days.	These columns cannot be filled in as the gauge is not read on Sundays												

Ex DL

REGISTER OF RAINFALL IN 1913.

FORM A.
BRITISH RAINFALL.
10 JAN 1914

Kept at Watersheddles Reservoir
in the County of Lancashire C4
by The Keighley Corporation

Lat. 53° 50' 15" Long. 2° 2' 55"
Time of Observation 3-0. P.M.
Nearest Railway Station Haworth.
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 1,115. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
·00

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·27	·30	·00	·23	·00	Sunday	·00	·00	·00	·00	·00	·13	1
2	·00	Sunday	Sunday	·00	·00	·37	·00	·00	·00	·00	Sunday	·19	2
3	·00	·38	·89	·03	·00	·11	·00	Sunday	·00	·00	·52	·03	3
4	·05	·86	·00	·00	Sunday	·00	·03	·00	·00	·01	·01	·75	4
5	Sunday	·03	·20	·00	·54	·04	·04	·00	·04	Sunday	·11	·46	5
6	·81	·09	·22	Sunday	·72	·15	Sunday	·00	·09	·09	·00	·00	6
7	·05	·71	·44	·03	·43	·11	·44	·00	Sunday	·38	·09	Sunday	7
8	·00	·27	·04	·00	·42	Sunday	·02	·00	·00	·56	·05	·11	8
9	·00	Sunday	Sunday	·00	·15	·44	·00	·04	·00	·00	Sunday	·29	9
10	·01	·71	·89	·03	·13	·82	·07	Sunday	·00	·00	·44	·00	10
11	·00	·00	·51	·27	Sunday	·01	·02	·00	·02	·03	·00	·00	11
12	Sunday	·00	·00	·18	·03	·04	·00	·00	·00	Sunday	·37	·15	12
13	·03	·00	·01	Sunday	·00	·00	Sunday	·05	·16	·02	·21	·07	13
14	·00	·00	·60	·06	·00	·00	·09	·00	Sunday	·19	·38	Sunday	14
15	·09	·03	·17	·31	·00	Sunday	·01	·00	·28	·21	·23	·07	15
16	·06	Sunday	Sunday	1·07	·00	·00	·00	·05	·01	·00	Sunday	·12	16
17	·00	·01	·76	·11	·00	·09	·05	Sunday	·13	·00	1·16	·00	17
18	·01	·03	·01	·32	Sunday	·00	·30	·00	·01	·00	·44	·01	18
19	Sunday	·00	·43	·33	·16	·15	·06	·00	·00	Sunday	·05	·02	19
20	·28	·00	·14	Sunday	·09	·06	Sunday	·00	·04	·08	·60	·00	20
21	·32	·00	·17	·25	·11	·00	·02	·00	Sunday	·20	·87	Sunday	21
22	·00	·00	·16	·00	·04	Sunday	·15	·41	·07	·00	·02	·00	22
23	·67	Sunday	Sunday	·00	·23	·08	·00	·54	·12	·00	Sunday	·04	23
24	·70	·00	·74	·00	·41	·31	·00	Sunday	·08	·00	·18	·06	24
25	·31	·00	·00	·10	Sunday	·22	·00	·60	·00	·00	·13	·27	25
26	Sunday	·00	·00	·09	·00	·00	·00	·00	·41	Sunday	·07	·33	26
27	·00	·01	·09	Sunday	·00	·00	Sunday	·00	·14	·12	[illegible]	·58	27
28	·00	·00	·03	1·21	·00	·01	·00	·00	Sunday	·26	·06	Sunday	28
29	·19		·24	·21	·04	Sunday	·00	·00	·01	·03	·01	·30	29
30	·02		Sunday	·54	·05	·00	·00	·29	·00	·02	·17	·00	30
31	·83		·45		·00		·00	·00		·23		·00	31
Total	4·70	3·43	7·19	5·37	3·55	3·01	1·30	1·98	1·61	2·43	6·38	4·00	YEAR'S TOTAL 44·95.
Rain Days.	These columns cannot be filled in as the gauge is not read on Sundays.												

W.7,000, XI. 13

Exd. G.B.

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
6 - JAN 1915

Kept at Watersheddles Reservoir (Keighley Corporation)

in the County of Lancashire C 3

by J. D. Thornton (Filter Beds Manager)

Lat. 53°50'13" N Long. 2°2'58" W

Time of Observation 4 p.m.

Nearest Railway Station Haworth

Diameter of Rain Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 1115 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—			0·07	0·05	—	0·41	0·30	—	—		0·34	1
2	0·18	0·86	0·41	—	—	—	0·48		—	0·06	0·32	0·45	2
3	0·03	—	0·10	—		—	0·20	0·79	—	0·16	0·41	0·23	3
4		—	0·55	—	0·57	0·01	—	0·27	—	—	0·02	1·45	4
5	1·22	—	0·39		0·10	0·08	—	—	—	—	0·34	0·89	5
6	0·13	—	0·71	0·65	0·04	0·11	—	—	—	0·02	0·14		6
7	0·01	0·04	0·02	0·38	0·22		—	0·14	—	—	0·43	0·16	7
8	0·40			0·05	0·17	0·11	—	0·07	0·02	—		0·56	8
9	0·74	0·06	0·34	—	0·19	0·15	—		—	—	0·24	0·06	9
10	0·52	0·12	—	0·28		0·78	—	0·56	0·04	—	0·30	0·02	10
11		0·28	0·01	0·07	0·10	—	0·01	—	0·23	—	0·95	—	11
12	—	0·25	0·26		0·06	—		—	0·21	—	0·22	0·45	12
13	—	0·30	0·29	0·02	0·10	—	0·37	—		—	0·82		13
14	—	0·30	0·13	0·04	—	—	0·66	—	0·94	—	0·32	1·06	14
15	0·08			—	—	—	—	—	0·29	—		0·22	15
16	—	0·63	0·89	—	—	—	0·33	—	0·08	0·01	1·02	—	16
17	0·04	0·02	0·02	—	—	—	0·75	—	1·24	—	0·17	0·06	17
18	—	0·64	0·18	—	—	—	0·03	—	0·07	—	—	0·72	18
19	—	0·45	0·03	—	—	0·04		—	0·04	—	0·01	0·09	19
20	—	0·03	0·11	—	—	—	0·06	—	—	—	0·02		20
21	—	0·16	0·12	—	—		—	—	—	0·04	—	0·28	21
22	—			—	—	0·29	—	0·03	0·01	0·15		0·15	22
23	—	0·75	0·02	0·07	0·18	0·50	0·04		—	0·04	0·08	0·03	23
24	—	0·02	0·09	0·16		—	0·06	0·23	—	—	0·01	0·08	24
25		—	0·38	0·05	0·57	0·06	0·45	0·32	—		0·10	—	25
26	0·48	—	0·02	—	—	—		0·14	—	0·89	0·69	0·45	26
27	0·08	—	0·12	—	—	—	0·06	—		0·44	0·36		27
28	0·07	—	—	—	—		—	—	0·04	0·23	0·35	1·26	28
29	0·18			—	0·05	0·02	—	—	—	0·05		0·04	29
30	0·15		0·33	—	0·03	—	—		—	0·34	1·48	—	30
31	0·02		1·07		0·03		—	0·21		0·07		0·30	31
Total	4·33	4·91	6·59	1·84	2·46	2·15	3·31	3·06	3·21	2·50	8·80	9·35	YEAR'S TOTAL 52·51
Rain Days.												9·35	

W. 8,000. X. 14.

3170

REGISTER OF RAINFALL IN 1915

FORM A.
BRITISH RAINFALL.

Kept at Watersheddles Reservoir
in the County of Lancashire
by M. Ratcliffe Barnett. [illegible]

Lat. Long.
Time of Observation 4 p.m.
Nearest Railway Station Haworth.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 1115 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. 0·35 1/1/16

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0·03	0·26	0·26	—	0·20	—	—	0·05	0·50	—	0·10	0·03	1
2	0·18	0·60	0·04	0·22	0·43	—	0·20	0·35	0·06	—	0·01	0·06	2
3	0·01	0·46	0·23	0·04	—	0·05	0·35	0·53	0·08	0·02	—	0·03	3
4	0·96	0·51	0·12	0·41	—	—	0·20	0·08	—	—	0·01	0·09	4
5	0·22	0·04	0·18	—	0·05	0·11	0·36	—	—	—	—	1·60	5
6	0·05	0·34	0·16	0·28	0·14	0·03	—	0·12	—	0·02	—	0·72	6
7	0·56	0·20	0·05	0·32	—	—	0·85	—	—	—	0·15	0·14	7
8	0·79	0·93	—	0·41	—	—	0·02	0·82	—	—	—	0·31	8
9	0·47	0·23	—	0·10	—	—	0·21	0·11	—	—	0·68	—	9
10	—	0·07	—	0·02	—	—	—	0·05	—	0·05	0·30	0·39	10
11	0·82	0·01	0·10	—	—	—	0·21	0·65	—	0·05	—	0·34	11
12	0·07	0·09	—	0·14	1·02	—	0·23	0·14	—	0·04	0·72	—	12
13	0·27	—	—	0·01	—	—	—	—	—	0·21	0·18	0·45	13
14	0·59	1·00	—	0·02	0·02	—	0·09	0·05	0·21	0·04	—	0·12	14
15	0·59	—	—	0·07	0·02	—	0·46	0·12	0·04	—	0·62	0·19	15
16	1·20	—	—	0·05	—	—	0·01	0·86	0·09	—	0·06	0·17	16
17	—	0·70	—	—	0·14	—	0·63	0·21	0·01	—	—	0·01	17
18	—	0·43	0·08	—	—	—	0·16	—	—	—	—	—	18
19	0·06	0·35	0·64	—	—	—	—	—	0·03	0·04	—	—	19
20	0·37	0·12	0·06	0·21	0·12	—	0·42	0·01	—	—	0·01	0·04	20
21	0·45	0·07	0·02	—	0·15	—	0·02	—	—	—	—	0·33	21
22	0·07	0·07	—	0·02	—	—	0·11	—	—	—	—	0·22	22
23	0·05	—	0·14	—	—	—	0·60	—	0·01	0·02	—	0·18	23
24	0·01	0·05	0·08	—	—	—	0·01	0·02	—	0·22	—	0·33	24
25	—	—	0·13	0·05	—	—	—	—	0·45	0·03	—	0·39	25
26	—	—	—	—	—	0·13	0·01	—	0·08	—	—	0·51	26
27	0·04	0·43	—	—	—	0·10	0·18	—	—	—	—	0·26	27
28	—	0·21	—	—	—	—	0·05	—	—	0·61	—	0·33	28
29	0·02		—	—	0·07	0·25	—	0·44	—	0·26	—	0·07	29
30	—		0·01	—	0·31	0·13	—	—	—	—	0·23	0·46	30
31	0·16		—		—		—	—		0·01		0·14	31
Total	8·04 ✓	7·20 ✓	2·30 ✓	2·37 ✓	2·67 ✓	0·80 ✓	5·38 ✓	4·61 ✓	1·56 ✓	1·62 ✓	3·07 ✓	7·91 ✓	YEAR'S TOTAL 47·53
Rain Days.	24	22	16	16	12	7	22	17	11	14	12	27	200

W. 8,000. X. 15.

~~40.~~ 40

16 FEB 1917

RAINFALL CHART.

NEGRETTI AND ZAMBRA,

METEOROLOGICAL INSTRUMENT MAKERS.

38, HOLBORN VIADUCT, E.C.; 45, CORNHILL, E.C.; & 122, REGENT STREET, W.

Kept by W Ratcliffe Barnett M Inst CE

Time of Observation 9 a.m

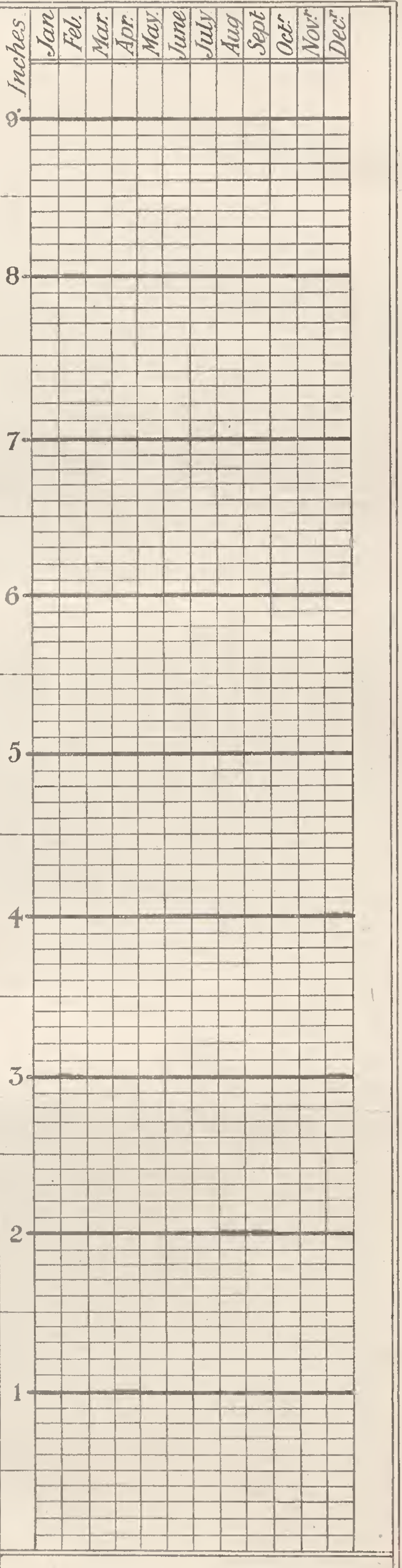
YEAR 1916.

At Watersheddles Reservoir

County Lancashire

Rules for observing Rainfall will be found on back of this Chart.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
	in.	in.	in	in	in.	in.	in.	in.	in.	in.	in.	in.
1	1·10	0·13	0·23	—	—	0·20	0·61	—	—	0·01	0·05	—
2	(0·18)	0·26	0·09	—	—	0·06	—	—	0·37	0·16	0·03	—
3	—	0·27	0·02	0·08	—	0·06	0·44	—	1·10	0·31	0·22	0·02
4	0·23	0·30	—	0·02	0·66	1·00	—	—	—	0·80	0·42	—
5	0·15	0·30	—	—	0·09	0·34	—	—	—	0·89	0·67	—
6	1·25	0·60	0·10	0·02	0·45	0·02	0·22	—	—	0·28	0·55	0·08
7	0·10	0·17	0·20	—	0·18	0·10	0·36	—	—	0·53	0·07	0·33
8	—	0·11	0·50	0·02	—	0·06	0·03	—	—	0·10	0·47	—
9	0·08	0·06	0·08	—	0·53	0·27	0·03	—	0·07	—	0·27	0·39
10	0·23	0·06	—	0·27	—	0·26	0·15	—	—	1·08	0·11	0·24
11	0·02	0·66	0·22	0·79	0·03	0·18	0·22	—	0·19	0·06	—	0·05
12	0·28	0·21	0·48	0·19	0·29	0·02	0·90	—	0·01	0·27	0·05	0·11
13	—	0·17	0·24	0·16	—	—	—	0·66	—	1·48	—	0·20
14	0·10	0·18	0·07	0·16	0·67	—	—	0·30	0·07	0·38	0·01	0·06
15	0·13	0·86	0·65	0·06	—	—	0·04	1·29	0·04	0·12	—	—
16	0·05	0·26	0·60	0·40	—	—	0·14	0·25	—	0·07	—	—
17	0·11	0·21	—	0·67	—	—	0·09	—	0·88	0·25	—	0·01
18	—	0·84	—	0·12	—	—	0·02	0·17	0·34	0·14	0·58	0·21
19	0·40	—	0·30	0·38	—	—	—	0·31	0·03	—	0·52	—
20	0·54	—	0·22	0·31	—	—	0·04	—	—	—	0·17	0·10
21	0·72	0·05	0·02	0·02	0·07	—	—	—	—	—	0·01	—
22	0·01	0·06	—	0·06	0·01	0·10	—	—	—	0·33	0·04	0·05
23	0·12	0·03	0·10	0·08	—	0·01	—	0·02	—	0·07	0·28	0·67
24	—	0·28	0·08	0·01	—	0·26	—	0·38	—	0·08	—	0·47
25	0·44	0·29	0·56	—	0·11	0·02	—	0·33	—	0·11	0·36	0·11
26	0·23	0·28	0·45	—	—	—	0·23	0·02	0·01	0·05	0·04	—
27	—	0·24	0·07	—	—	—	—	0·06	—	0·68	0·01	0·03
28	0·02	0·24	—	—	0·01	0·15	—	—	0·01	1·80	0·08	0·98
29	0·07	0·74	0·03	—	—	0·19	—	—	—	0·57	—	0·91
30	0·03	×	—	—	—	0·05	0·04	—	—	1·16	0·06	0·32
31	—	×	—	×	0·08	×	—	0·05	×	0·23	×	0·54
Totals	6·59	7·86	5·31	3·82	3·18	3·35	3·59	3·84	3·12	12·01	5·07	5·88



MONTHLY TOTALS

63·62

335

Jan 1st 1917 0·16.

W Ratcliffe Barnett M. Inst C.E.

REGISTER OF RAINFALL IN, 1917

FORM A. BRITISH RAINFALL.
14. JAN 1918

Kept at Watersheddles Reservoir
in the County of ~~York~~ Lancs.
by M. Ratcliffe Barnett M. Inst C.E.

Lat. 53-50-14 Long. 2°-2'-54"
Time of Observation 9 am
Nearest Railway Station Haworth (M.R.)
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 1115 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.
0.0[illegible]

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0.16	—	—	1.00	—	0.22	—	0.08	0.14	—	0.21	0.23	1
2	0.90	—	—	0.36	—	0.24	—	0.03	0.02	0.12	0.02	—	2
3	0.23	0.78	—	0.10	—	0.32	—	—	—	0.59	0.19	—	3
4	0.03	0.03	—	—	—	—	—	—	—	0.15	0.02	0.03	4
5	0.21	—	—	0.27	—	—	—	0.01	0.06	0.08	0.43	0.03	5
6	0.03	—	—	—	—	0.17	—	—	—	0.44	0.56	0.33	6
7	0.38	—	—	—	—	0.04	—	—	—	0.50	0.06	0.10	7
8	0.65	—	—	0.30	—	—	—	0.65	0.09	0.90	0.30	0.09	8
9	0.08	—	—	0.17	0.03	—	—	0.20	—	0.06	0.53	—	9
10	0.69	—	0.86	0.44	0.20	—	—	0.14	—	0.03	—	—	10
11	0.10	0.03	—	0.14	—	—	—	—	—	0.57	0.01	0.08	11
12	0.01	—	0.04	—	0.44	0.03	—	1.07	—	0.78	—	0.01	12
13	0.09	—	—	0.36	0.04	—	—	0.17	0.78	0.16	0.01	0.55	13
14	0.30	—	—	0.31	0.01	—	—	0.12	—	—	—	0.18	14
15	0.36	—	—	0.09	0.02	—	0.31	0.11	0.33	0.15	—	0.87 *	15
16	—	—	0.02	0.23	—	—	—	0.19	—	—	0.01	0.60	16
17	0.01	0.13	0.20	0.18	0.49	0.14	0.42	1.44	—	0.16	—	—	17
18	0.02	—	0.13	0.02	0.10	—	0.69	0.47	0.28	0.04	—	0.01	18
19	0.28	0.14	0.34	—	0.26	0.08	—	0.02	—	—	0.07	0.05	19
20	0.05	0.24	0.02	—	0.29	0.43	—	0.02	0.18	—	0.25	—	20
21	0.03	0.04	0.21	—	0.07	0.02	—	0.09	—	0.11	0.01	—	21
22	—	—	0.06	—	—	0.01	—	0.20	0.38	0.32	0.14	—	22
23	—	0.08	—	—	0.34	0.82	—	0.20	0.02	0.08	0.15	0.02	23
24	—	0.01	—	—	—	0.04	0.01	0.53	—	1.00	0.53	—	24
25	—	0.08	0.12	—	—	—	—	0.05	0.01	0.36	0.01	—	25
26	—	0.01	—	—	—	0.16	—	0.64	0.40	0.48	0.30	—	26
27	—	—	0.01	—	—	0.20	0.38	0.59	—	0.15	0.26	0.07	27
28	—	0.05	0.44	—	—	—	—	0.31	—	0.10	0.07	0.02	28
29	—	—	0.09	—	—	—	0.05	0.07	—	0.68	0.99	0.15	29
30	0.07	X	0.30	—	—	—	—	0.03	—	0.22	0.16	0.02	30
31	—	X	0.30	X	0.03	X	—	0.40	X	0.01	X	0.06	31
Total	4.68	1.62	3.14	3.97	2.32	2.92	1.86	7.83	2.69	8.18	5.59	3.50	YEAR'S TOTAL 48.30
Rain Days.	21	12	15	14	13	15	6	26	12	26	24	20	204

* Snow (drifted)

M. Ratcliffe Barnett

W. 8,000, IX. 17.

FORM A.
BRITISH RAINFALL.

18.1.19

REGISTER OF RAINFALL IN 1918

Kept at Watersheddles Reservoir

in the County of Lancashire

by M. Ratcliffe Barnett M. Inst C.E.

Lat. 53.50.14N Long. 2.2.54

Time of Observation 9 AM

Nearest Railway Station Haworth

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level 1.115 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. 0.61

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0.03	0.20	0.08	.	0.06	.	.	.	0.45	0.08	0.27	0.46	1
2	.	0.06	.	0.04	.	.	.	.	0.20	0.14	.	0.53	2
3	.	0.01	0.04	.	0.58	.	.	0.08	0.01	0.33	0.04	0.13	3
4	0.02	0.01	0.04	.	0.04	.	.	0.26	0.49	0.26	0.72	0.17	4
5	0.02	0.02	0.05	0.22	0.24	.	.	0.77	0.05	0.51	0.14	0.02	5
6	0.09	1.47	0.02	0.32	0.01	0.24	.	0.14	.	0.25	.	0.03	6
7	.	0.29	.	0.22	.	.	.	0.03	0.25	0.24	0.37	.	7
8	0.10	0.47	0.11	.	.	.	0.19	0.02	0.80	0.13	0.10	0.06	8
9	0.22	1.00	.	0.15	.	0.25	0.02	.	1.07	0.52	0.10	0.07	9
10	0.08	1.38	0.03	.	.	.	.	.	0.22	0.14	0.30	0.03	10
11	0.44	0.19	0.02	0.01	0.06	.	0.07	0.03	0.16	.	.	0.20	11
12	.	0.35	.	0.04	0.04	.	0.07	.	0.09	0.06	.	0.22	12
13	.	0.02	.	0.06	0.15	0.07	.	.	0.38	0.18	.	0.04	13
14	0.54	.	.	.	.	0.20	0.14	.	0.90	0.18	.	0.35	14
15	0.16	.	.	0.04	.	0.03	0.70	.	1.17	.	.	0.48	15
16	.	.	.	.	.	0.20	0.39	0.22	0.27	0.03	.	0.24	16
17	0.26	.	.	.	0.69	0.01	0.61	0.16	0.11	0.42	0.01	0.46	17
18	0.58	.	0.11	.	.	0.05	0.28	0.02	0.36	.	.	0.38	18
19	0.23	0.13	0.11	0.08	.	.	0.25	0.23	0.37	0.10	.	0.64	19
20	0.18	0.86	.	0.06	0.12	0.12	0.58	.	0.15	0.02	0.01	0.15	20
21	0.39	0.85	.	.	0.31	0.29	.	.	0.40	0.05	.	0.02	21
22	0.08	0.11	.	.	0.59	0.02	0.20	0.12	0.12	.	0.01	1.31	22
23	0.04	0.10	.	0.02	0.34	.	0.13	.	0.18	.	0.04	0.11	23
24	0.01	0.20	.	.	.	.	0.12	0.04	0.13	.	0.06	0.04	24
25	.	0.03	.	.	.	0.45	0.05	0.42	0.44	.	0.01	.	25
26	.	0.37	.	.	.	.	0.06	0.02	0.38	0.09	0.30	0.16	26
27	.	0.20	0.29	.	.	0.02	.	0.29	1.31	0.07	0.15	0.92	27
28	.	0.05	0.40	.	.	.	.	0.37	0.06	.	0.05	0.73	28
29	.	X	.	.	.	.	.	.	0.08	.	.	0.50	29
30	.	X	0.28	.	.	.	.	0.17	.	0.10	0.20	0.21	30
31	.	X	0.32	X	.	X	.	0.10	X	.	X	.	31
Total	3.47	8.37	1.90	1.26	3.23	1.95	3.86	3.49	10.60	3.90	2.88	8.66	YEAR'S TOTAL 53.57
Rain Days.	18	23	14	12	13	13	16	19	28	21	18	28	223

W. 6,500, VII. 18. w w c

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

17 JAN 20

Kept at Watersheddles Reservoir.

in the County of Lancashire

by M. Ratcliffe Barnett M.I.C.E.

Lat. 53° 50' 14" N Long. 2° 2' 54"

Time of Observation 9 A.M.

Nearest Railway Station Haworth

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

" " " " Sea Level 1115 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. 0.00

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.61	.05	.01	.02	.52	-	.36	.07	.38	.27	.01	.08	1
2	.15	-	.35	-	.09	-	.14	.09	.03	-	.06	.21	2
3	.34	-	-	-	.15	.10	.62	-	.02	.01	.14	.51	3
4	.79	-	.28	-	-	-	.06	.24	.02	-	.10	.09	4
5	.34	-	-	.02	.06	-	-	-	-	-	.03	.54	5
6	.06	.05	.93	-	.65	-	-	-	.07	-	.02	.12	6
7	.06	-	.24	.01	.04	-	-	-	-	-	.08	-	7
8	.21	-	.03	.01	.03	-	-	-	-	-	-	-	8
9	.92	-	.15	-	-	-	-	-	-	-	.02	.02	9
10	-	-	1.29	.13	1.05	-	-	-	-	-	-	.17	10
11	.02	-	.65	.13	.13	-	.10	-	.02	-	-	.01	11
12	-	-	.59	.26	.01	.05	.08	-	.02	.02	.19	-	12
13	.20	-	-	.36	-	.05	.05	.09	-	.38	-	.03	13
14	.40	-	.05	.20	-	-	-	.08	-	.01	.01	-	14
15	.30	.11	.05	.05	-	-	-	-	-	-	-	.59	15
16	.18	.62	.04	.03	-	.03	-	-	-	-	.12	.03	16
17	.01	.05	-	.04	-	.10	-	.35	-	-	1.04	-	17
18	-	-	.24	-	-	-	.02	.23	.26	-	.03	.32	18
19	.05	.20	.78	-	-	.15	.40	.02	.07	-	.32	.04	19
20	.56	.18	.05	-	-	.10	.21	.03	-	-	.13	.97	20
21	.10	.37	-	-	-	.02	.23	-	.08	-	.07	.34	21
22	-	.42	-	-	-	.13	-	.36	.33	-	.10	.64	22
23	-	-	-	.05	-	.12	-	-	-	.86	.18	.16	23
24	-	-	-	.10	.04	.06	-	.04	.68	.32	.34	.69	24
25	.23	.06	-	.39	.01	.20	-	.77	.23	-	.47	-	25
26	.05	.05	.89	.15	-	.07	-	.51	.05	-	.05	.94	26
27	.50	.02	.02	.33	-	-	-	.05	-	-	.05	.10	27
28	-	.03	-	.12	-	-	-	.75	-	.17	-	.43	28
29	.08		-	.02	-	.02	-	.03	-	.59	-	.20	29
30	.01		.11	.04	-	.13	-	.02	-	.15	.41	.38	30
31	-		.11		-		.45	-		.05		.07	31
TOTAL	6.17	2.21	6.86	2.46	2.78	1.33	2.72	3.73	2.26	2.83	3.97	7.68	YEAR'S TOTAL 45.00
Days with ·01 in. or more	23	13	20	20	12	15	12	17	14	11	23	25	205

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

M Ratcliffe Barnett.

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1920.

15 JAN 1921

Kept at Watersheddles Reservoir
in the County of Lancashire
by M. Ratcliffe Barnett M. Inst. C. E.

Lat. 53° 50' 14" N Long. 2° 2' 54"
Time of Observation 9 AM
Nearest Railway Station Haworth
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 1,115 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. 0·85

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	-	.01	.06	.20	.72	-	.95	.08	.15	.07	.26	.14	1
2	-	-	.05	.09	.02	-	.15	.01	.25	.18	-	.39	2
3	-	.08	.03	.09	.07	.05	.34	.11	.17	.25	-	.21	3
4	.06	-	-	.06	.10	-	.25	.52	.04	.80	-	.03	4
5	-	-	.08	.03	.69	-	.14	.14	.08	.38	.01	.02	5
6	-	-	.43	.10	.30	-	.03	-	-	.01	.07	.19	6
7	.38	.07	.09	.04	.11	-	.44	-	.01	-	.01	-	7
8	.04	.05	-	.25	.26	-	.03	.32	-	.01	.02	-	8
9	.42	1.83	.03	.58	-	-	.18	.01	.06	-	.09	-	9
10	1.21	.29	.07	.41	-	-	.28	.05	-	-	-	-	10
11	.21	.03	.09	.29	.25	.35	-	-	-	-	-	.04	11
12	.19	.29	.34	.23	.08	.09	.08	-	-	-	.19	.10	12
13	.17	.10	.34	.25	.10	.52	.11	-	-	-	.38	.11	13
14	.08	.13	.22	.28	-	.55	.07	-	.31	.05	.82	.08	14
15	.07	.24	.10	.38	-	-	-	-	-	.08	.16	-	15
16	.06	-	.21	.03	.06	-	.66	-	.20	-	.30	-	16
17	.17	-	.02	-	.17	-	.04	.35	.17	.01	.03	-	17
18	.16	-	.02	.14	1.07	.07	-	.02	-	-	-	-	18
19	.17	.54	-	.13	.49	.17	.07	.17	-	-	-	.04	19
20	.06	.08	-	.29	-	.03	.28	-	.04	-	-	.16	20
21	-	-	.01	-	-	-	.52	.03	.09	-	-	.21	21
22	.20	.01	-	.40	-	.08	.44	.03	-	-	-	.05	22
23	-	-	-	.09	-	-	.33	-	-	-	.03	.19	23
24	.11	-	.68	.18	-	-	.29	-	-	-	-	.23	24
25	.01	.08	.23	.10	-	.02	.74	-	-	.01	-	-	25
26	.16	.14	.66	.33	.17	-	.08	-	-	-	.05	.09	26
27	.20	.02	.14	.08	.51	.52	.01	-	-	-	.21	.01	27
28	1.00	.06	.27	.21	.14	.03	-	-	-	-	.01	.27	28
29	.37	-	.23	.06	.63	.03	.27	-	-	-	.15	.72	29
30	.38	✕	.01	.03	.09	.10	-	-	.16	-	.21	.31	30
31	.27	✕	.09	✕	.06	✕	-	-	✕	.84	✕	.11	31
													YEAR'S TOTAL
TOTAL	6.15	4.05	4.50	5.35	6.09	2.61	6.78	1.84	1.73	2.69	3.00	3.70	48.49
Days with ·01 in. or more	24	18	25	28	21	14	25	13	13	12	18	22	233
Days with ·04 in. or more	23	14	19	25	20	10	22	8	12	8	12	19	192

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

S. made ✓

WEETON RESERVOIR

LANCASHIRE

1912 - 1920

FORM A.
BRITISH RAINFALL.

REGIST

Kept at Weeton R ts'

rea Green

in the County of Lanc

in.

by The Fylde Wa

ound 1 ft. - in.

Level 150.16 ft.

IMPORTANT NOTE.— result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	·03		·23			·25	·04		·08			·59	1
2	·03		·48		·07	·14	·05		·07			·07	2
3	·16		·01			·20		·31	·41			·13	3
4	·47		·57	·09	·02	·34		·38	·02		·90		4
5	·09				·25	·13			·05	·01	·01		5
6	·26	·25			·04			·02			·01		6
7		·07			·22		·13	·05	·11			·01	7
8	·40	·19	·09		·01	·06		·05	·03		·03		8
9	·03	·06	·29	·16		·27		·03			·14	·10	9
10	·02				·03	·44	·02	·04			·26	·02	10
11	·02				·12		·06	·03				·45	11
12	·10	·08	·50			·07	·04						12
13	·03							·01	·01	·28		·09	13
14	·18		·28			·25		·05				·31	14
15	·29	·18	·07		·04	·10		·01				·02	15
16	·59		·10		·09			·03		·33	·04		16
17	·09	·26	·21			1·06		·56			·22	·32	17
18	·05	·03				·08		·01		·36	·13	·13	18
19		·08	·50			·03		·32		·15			19
20	·08		·05		·44	·01		·06		·19		·03	20
21			·23				·04	·05		·40		·07	21
22	·01	·13			·45		·11	·52			·08		22
23			·21			·11	·47	·78			·23	·02	23
24		·03	·15			·16	·04	·08		·02	·04	·14	24
25			·14			·15		·01			·24	·10	25
26		·09	·23				·38	·23		1·69	·15	·24	26
27		·04	·26			·55	·31			·44		·10	27
28		·10				·25	·35	·35		·30	·12	·01	28
29		·02	·01				·34	·01	·21	·30		·04	29
30			·20		·15					·03			30
31			·10		·06		1·53	·40				·26	31
Total	2·93	1·61	4·91	·25	1·99	4·65	3·91	4·39	·99	4·50	2·60	3·25	YEAR'S TOTAL 35·98 ✓
Rain Days.	19	15	22	2	14	20	15	25	9	13	15	22	191 ✓

30

15

W. 7,500, XI. 12

S. made

REGIST

FORM A.
BRITISH RAINFALL.

Kept at Weeton Reservoir
in the County of Lancaster
by The Fylde Water Board
No 2 Gauge

Lat. 53 48 Long. 2 55'
Time of Observation 9 am
Nearest Railway Station Wrea Green
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 150.16 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	·03		·23			·25	·04		·08			·59	1
2	·03		·48		·07	·14	·05		·07			·07	2
3	·16		·01			·20		·31	·41			·13	3
4	·47		·57	·09	·02	·34		·38	·02		·90		4
5	·09				·25	·13			·05	·01	·01		5
6	·26	·25			·04			·02			·01		6
7		·07			·22		·13	·05	·11			·01	7
8	·40	·19	·09		·01	·06		·05	·03		·03		8
9	·03	·06	·29	·16		·27		·03			·14	·10	9
10	·02				·03	·44	·02	·04			·26	·02	10
11	·02				·12		·06	·03				·45	11
12	·10	·08	·50			·07	·04						12
13	·03							·01	·01	·28		·09	13
14	·18		·28			·25		·05				·31	14
15	·29	·18	·07		·04	·10		·01				·02	15
16	·59		·10		·09			·03		·33	·04		16
17	·09	·26	·21			1·06		·56			·22	·32	17
18	·05	·03				·08		·01		·36	·13	·13	18
19		·08	·50			·03		·32		·15			19
20	·08		·05		·44	·01		·06		·19		·03	20
21			·23				·04	·05		·40		·07	21
22	·01	·13			·45		·11	·52			·08		22
23			·21			·11	·47	·78			·23	·02	23
24		·03	·15			·16	·04	·08		·02	·04	·14	24
25			·14			·15		·01			·24	·10	25
26		·09	·23				·38	·23		1·69	·15	·24	26
27		·04	·26			·55	·31			·44		·10	27
28		·10				·25	·35	·35		·30	·12	·01	28
29		·02	·01				·34	·01	·21	·30		·04	29
30			·20		·15					·03			30
31			·10		·06		1·53	·40				·26	31
Total	2·93	1·61	4·91	·25	1·99	4·65	3·91	4·39	·99	4·50	2·60	3·25	YEAR'S TOTAL 35·98
Rain Days.	19	15	22	2	14	20	15	25	9	13	15	22	191

W. 7,500, XI. '12

FORM A. BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1912

Kept at Weeton Reservoir

in the County of Lancaster N·5

by The Fylde Water Board

No 3 Gauge

Lat. 53° 48′ Long. 2° 55′

Time of Observation 9 am

Nearest Railway Station Wrea Green

Diameter of Rain Gauge 5″ in.

Height of top of Gauge above Ground 1 ft. – in.

" " " " Sea Level 108·28 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·06		·28			·23	·04	·04	·09			·73	1
2	·05		·54		·07	·15	·09		·07			·06	2
3	·19		·04			·21		·32	·43		·01	·13	3
4	·51		·65	·11	·03	·40		·40	·06		·90		4
5	·07				·23	·14			·09	·03	·01		5
6	·18	·22			·04			·06			·01		6
7		·08			·19		·15	·08	·12			·03	7
8	·55	·23	·11		·01	·09		·06	·06		·05		8
9	·04	·04	·31	·29		·31		·03			·13	·11	9
10	·04				·05	·41	·05	·03			·39	·02	10
11	·03				·13		·09	·07				·50	11
12	·12	·08	·51			·07	·02					·01	12
13	·03							·03	·04	·31		·09	13
14	·23		·29			·26		·05				·30	14
15	·35	·21	·08		·08	·15		·04				·04	15
16	·56		·11		·20			·05		·35	·06		16
17	·05	·29	·17		·01	1·09		·62			·26	·32	17
18	·15	·02				·09		·01		·36	·16	·15	18
19		·07	·64			·04		·35		·16	·02		19
20	·08		·06		·45	·02		·08		·24		·03	20
21			·15			·01	·05	·08		·45		·08	21
22	·02	·16			·62		·11	·59			·08	·02	22
23			·22			·10	·50	·78			·26	·01	23
24		·03	·15			·17	·06	·07		·03	·06	·17	24
25			·14			·23					·27	·09	25
26		·11	·26			·02	·39	·31		1·62	·16	·22	26
27		·04	·28			·50	·40	·03		·47		·11	27
28		·10			~~·01~~	·30	·29	·40		·33	·13	·02	28
29		·04	·04				·39	·02	·20	·30		·06	29
30			·21		·17 ~~·21~~	·02	·01			·04			30
31			·15		·08		2·23	·45				·26	31
Total	3·31	1·72	5·39	·40	2·36	5·01	4·87	5·05	1·16	4·69	2·96	3·56	YEAR'S TOTAL 40·48
Rain Days.	19	15	22	2	15	23	16	26	9	13	17	24	201

W. 7,500, XI. 12

I made No. 2

REGISTER OF RAINFALL IN 1913

Ex. W.J.

FORM A.
BRITISH RAINFALL.

4 MAR 1914

Kept at Weeton Reservoir
in the County of Lancaster N 5
by The Fylde Water Board

Lat. 53° 48' Long. 2° 55'
Time of Observation 9 am
Nearest Railway Station Wrea Green
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 150·16 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·01		·06								·05		1
2	·01	·16	·25	·05		·10					·16	·23	2
3	·03		·18		·58						·02	·36	3
4	·19	·10	·08		·05						·13	·26	4
5	·13	·02			·08	·11	·15				·01	·03	5
6	·04	·23	·24		·30	·21	·47			·01	·07	·01	6
7		·26			·11	·31				·25	·09	·05	7
8		·17	·10		·03			·50		·04	·05	·06	8
9		·20	·13	·10	·08	·54	·01				·14	·18	9
10		·03	·22	·16						·03	·10		10
11	·34			·24		·04	·06			·11	·31	·07	11
12	·06						·09		·27		·08		12
13			·40				·05	·04	·12	·13	·39		13
14	·06		·08	·06				·03	·02	·56	·06		14
15			·16	·73					·09		·25	·04	15
16			·02	·05							·15		16
17			·01	·21			·12				·25		17
18	·08		·48	·06		·10	·11				·18		18
19	·06			·08	·08	·08			·02	·17	·06		19
20	·07		·08	·05		·02				·15	1·13		20
21			·04		·09		·17	·23		·02			21
22	·39		·28		·05	·21		·72	·12				22
23	·59				·30	·06		·05	·05		·14	·03	23
24	·32	·09		·14							·12	·05	24
25				·09					·58	·05	·04	·18	25
26		·05		·93					1·25	·01		·45	26
27				·29						·20	·05	·03	27
28	·34		·04	·26	·06					·19			28
29			·12	·40	·05			·12		·07	·08		29
30	·67									·04			30
31	·06		·06										31
Total	3·45	1·31	3·03	3·90	1·86	1·78	1·23	1·69	2·52	2·03	4·11	2·03	YEAR'S TOTAL 28·94
Rain Days.	18	10	20	17	13	11	9	7	9	16	25	15	170

W.7,000, XI. 13

S. made ✓ No. 3. ard by No 1. 4. IV. 14

FORM A.
BRITISH RAINFALL.

4 MAR 1914

REGISTER OF RAINFALL IN 1913

W. M.J.

Kept at Weeton Reservoir

in the County of Lancaster N5

by The Fylde Water Board.

Lat. 53° 48′ Long. 2° 55′

Time of Observation 9 a.m.

Nearest Railway Station Wrea Green

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

" " " " Sea Level 108·28 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·01		·09								·07		1
2	·02	·17	·30	·07		·11					·19	·22	2
3	·03		·22		·62						·03	·43	3
4	·23	·10	·08		·04						·15	·35	4
5	·28	·04			·08	·16	·22			·02	·03	·05	5
6	·05	·27	·27		·38	·24	·50			·04	·09	·03	6
7	·01	·32	·05		·15	·40				·31	·08	·07	7
8		·20	·13		·04	·02		·58		·08	·05	·05	8
9		·20	·16	·12	·12	·59	·02				·15	·24	9
10		·02	·28	·23					·04	·05	·12		10
11	·37			·18		·07	·14			·10	·31	·08	11
12	·04						·05		·47		·11		12
13			·42				·06	·04	·11	·12	·40		13
14	·11		·08	·08				·03	·03	·56	·12		14
15			·20	·79					·11		·30	·06	15
16			·06	·07							·14		16
17			·03	·23			·09				·25		17
18	·09		·40	·08		·10	·11				·20		18
19	·08			·11	·10	·08			·02	·18	·08		19
20	·08		·10	·07		·04	·03			·18	1·14		20
21			·05		·09		·18	·26		·02			21
22	·48		·36		·05	·24		·79	·15				22
23	·70				·32	·08		·06	·08		·15	·02	23
24	·32	·11		·15							·13	·06	24
25				·09					·58	·07	·04	·22	25
26		·06		·71					1·38	·01		·50	26
27				·29						·21	·06	·10	27
28	·34		·06	·31	·07					·23	·01	·02	28
29			·12	·40	·05			·12		·11	·12		29
30	·62									·05			30
31	·08		·07										31
Total	3·94	1·49	3·53	3·98	2·11	2·13	1·40	1·88	2·97	2·34	4·52	2·50	YEAR'S TOTAL ~~32·81~~ 32·79
Rain Days.	19	10	21	17	13	12	10	7	10	17	26	16	178

W.7,000, XI. 13

2.

end fr auth 18.V.15

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.

27 APR 1915

Kept at Weeton Reservoir No 2.
in the County of Lancaster
by The Fylde Water Board

N5

Lat. 53° 48' Long. 2° 55'
Time of Observation 9 a.m.
Nearest Railway Station Wrea Green
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 150·16 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1			·05			·18	·50	·13				·23	1
2		·05	·03	·03	·03		·24	·23			·20	·30	2
3	·10		·05		·35			·03				·74	3
4	·09		·10	·35	·14		·04				·10	·24	4
5	·10		·34	·05	·06		·05				·11		5
6				·03	·25		·19	·05			·06	·18	6
7	·03		·19	·03	·12			·16			·05	·15	7
8	·89		·05		·13	·03	·02	·62	·26	·03		·01	8
9	·36	·16	·06	·15	·07	·12		·05	·06		·10		9
10		·22	·04		·01	·01		—	·13		·23		10
11		·09	·28				·06	—	·25		·30	·10	11
12		·24	·13		·02		·06	—	·42		·20		12
13		·35	·16	·02	·01				·20	·11	·30	·15	13
14		·09	·07								·23	·23	14
15			·37						·12		·39		15
16			·02				1·45		1·71				16
17		·29	·15				·40		·16			·80	17
18		·11	·10				·02		·02			·10	18
19			·16				·33		·03			·25	19
20		·24	·11		·04	·38						—	20
21		·09				·14				·04		·06	21
22		·47		·01	·24	·06		·09					22
23			·12	·05	·14		·12						23
24	·08		·18	·04			·14	·06			·58		24
25	·05				·04		·17	·29		·72	·06	·30	25
26	·03		·01		·01		·04			·17	·21	·43	26
27	·09									·71	·35	·45	27
28	·05	·14	·20		·04						·20	·06	28
29	·14		·06		·08						·13		29
30			·16								·16	·12	30
31	·25		·04				·45			·10			31
Total	2·26	2·54	3·23	·76	1·78	·92	4·28	1·71	3·36	1·88	3·96	5·10	YEAR'S TOTAL 30·78
Rain Days.	13	13	26	10	18	7	17	10	11	7	19	19	170

31·78

1,000, XI. 13

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Price 2d.

FORM A.
BRITISH RAINFALL.

27 APR 1915

REGISTER OF RAINFALL IN 1914.

Gse D2

Kept at Weeton Reservoir No 3

in the County of Lancaster N5

by The Fylde Water Board

Lat. 53°48 Long. 2° 55′

Time of Observation 9 a.m.

Nearest Railway Station Wrea Green

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

" " " " Sea Level 108·28 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
1			·06			·20	·55	·15				·26	1
2		·05	·03	·02	·04		·30	·25			·24	·17	2
3	·12		·07		·36		·01	·03		·03		·74	3
4	·12		·10	·42	·14		·06	·02			·12	·29	4
5	·15		·37	·06	·08		·08			·01	·13	·02	5
6			·05	·08	·29		·21	·07			·06	·07	6
7	·04		·30		·20	·02	·02	·20			·05	·18	7
8	·83		·06		·13	·10	·03	·66	·25	·02	·01	·02	8
9	·37	·18	·06	·17	·09	·21		·07	·08		·11		9
10	·01	·11	·07		·03	·02			·14		·27		10
11		·09	·32				·08		·33		·57	·12	11
12		·29	·15		·01		·08		·60		·26	·02	12
13		·37	·19	·02	·02		·02		·26	·16	·45	·16	13
14		·10	·09								·26	·25	14
15			·39						·21		·39		15
16			·06				1·54		1·42				16
17		·33	·18				·50		·44			·80	17
18		·13	·12				·02		·08			·10	18
19			·22				·27		·08			·26	19
20		·28	·14		·04	·33							20
21		·08				·15				·05		·10	21
22		·41		·02	·31	·14		·10					22
23			·16	·05	·24		·19						23
24	·09	·01	·22	·06		·03	·25	·06			·59		24
25	·04				·05		·29	·36		·78	·08	·57	25
26	·03		·01				·09			·17	·24	·30	26
27	·08									·66	·33	·50	27
28	·05	·13	·30		·05						·23	·08	28
29	·12		·08		·10						·13	·02	29
30			·17								·20	·07	30
31	·26		·05				·52			·12			31
													YEAR'S TOTAL
Total	2·31.	2·56	4·02	·90	2·18	1·20.	5·11	1·97.	3·89.	2·00	4·72	5·10	35·96.
Rain Days.	14.	14.	27	9.	17	9.	20.	11.	11.	9.	20.	22.	183.

1,000, XI. 13

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3222

REGISTER OF RAINFALL IN 1915.

FORM A.
BRITISH RAINFALL.
10 JAN. 1916.

Kept at Weeton Reservoir No 5.
in the County of Lancaster N
by the Fylde Water Board

Lat. 53°48' Long. 2°55'
Time of Observation 9 am
Nearest Railway Station Wrea Green
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 108.28. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·41	·41	–	–	·23	–	·32	·24	·03	·02	–	·03	1
2	–	·62	·50	·38	–	·06	·40	·42	–	–	–	–	2
3	·32	·06	·22	·60	–	–	·41	–	–	–	–	·30	3
4	–	·33	·06	–	·15	·20	–	–	–	–	–	·66	4
5	·28	·09	·14	–	·10	–	–	·07	–	–	–	1·31	5
6	·19	·08	–	·30	–	–	·63	·03	–	–	–	·20	6
7	·81	·42	–	·20	–	–	·36	·58	–	–	–	·11	7
8	·20	·05	–	·03	–	–	–	·21	–	–	·55	–	8
9	–	·10	–	–	–	–	–	·04	–	–	·14	·33	9
10	·65	–	·24	·14	–	–	–	·29	–	–	·25	·29	10
11	·17	–	·04	–	·37	–	–	·03	–	–	·05	·24	11
12	·35	–	–	·07	·03	–	–	·02	–	·40	·38	·12	12
13	·07	–	–	–	–	–	–	·98	–	·04	·03	·21	13
14	·11	–	–	·06	–	–	·15	1·46	·04	·09	·03	·15	14
15	·51	–	–	·05	–	–	–	–	·01	–	·16	·51	15
16	–	·47	–	·01	·13	–	·39	1·19	–	–	–	–	16
17	–	·14	·06	–	–	–	–	·02	–	–	–	·16	17
18	–	·27	·06	–	–	–	–	–	–	–	–	–	18
19	–	·03	·04	·07	·14	–	·16	–	–	·03	–	–	19
20	·22	·03	–	–	·04	–	–	·05	–	–	–	·35	20
21	·14	·11	–	·35	–	–	·56	–	–	–	–	·24	21
22	–	·07	·05	–	–	·20	–	–	–	–	–	·13	22
23	–	·04	·10	·03	–	·02	–	–	·11	·40	–	·25	23
24	–	–	·10	·02	–	–	–	–	·19	·13	–	·45	24
25	–	–	–	–	–	·50	–	–	–	–	–	·17	25
26	–	·47	–	–	–	·27	–	–	·03	–	–	·41	26
27	–	·13	–	–	–	–	·26	–	–	·52	–	·18	27
28	–	·12	–	–	·02	·26	·09	·53	–	·17	–	·02	28
29	–	–	–	–	·05	–	–	–	–	–	·15	·04	29
30	·21	×	–	·40	–	–	–	·08	–	–	·05	–	30
31	·12	×	–	×	–	×	·01	·50	×	–	×	·32	31
Total	4·76	4·04	1·61	2·71	1·26	1·51	3·74	6·74	·41	1·80	1·79	7·18	YEAR'S TOTAL 37·55
Rain Days.	16	20	12	15	10	7	12	18	6	9	10	25	160

W. 8,000. X. 15.

160

REGISTER OF RAINFALL IN 1915.

FORM A.
BRITISH RAINFALL.
10. JAN 1916

Kept at Weeton Reservoir No 1.

in the County of Lancaster N

by the Fylde Water Board

Lat. 53°48′ Long. 2° 55′

Time of Observation 9 am

Nearest Railway Station Wrea Green

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level 150·16. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·46	·40	·01	—	·21	—	·31	·19	·01	·01	—	·01	1
2	—	·65	·46	·36	—	·04	·36	·37	—	—	—	—	2
3	·23	·08	·21	·63	—	—	·33	—	—	—	—	·30	3
4	·01	·31	·06	—	·16	·20	—	—	—	—	—	·60	4
5	·25	·06	·11	—	·06	—	—	·07	—	—	—	1·16	5
6	·19	·06	—	·26	—	—	·60	·01	—	—	—	·21	6
7	·75	·35	—	·15	—	—	·23	·55	—	—	—	·09	7
8	·15	·03	—	—	—	—	—	·20	—	—	·53	—	8
9	—	·09	—	—	—	—	—	·04	—	—	·07	·36	9
10	·62	—	·22	·14	—	—	—	·28	—	—	·16	·25	10
11	·08	—	·03	—	·33	—	—	·03	—	—	·05	·08	11
12	·33	—	—	·04	·01	—	—	·01	—	·39	·30	·06	12
13	·06	—	—	—	—	—	—	·90	—	·03	—	·08	13
14	·10	—	—	·05	—	—	·12	1·55	·03	·08	·02	·11	14
15	·45	—	—	·04	—	—	—	—	·01	—	·25	·45	15
16	—	·38	—	—	·14	—	·28	1·10	—	—	—	—	16
17	—	·15	·01	—	—	—	—	—	—	—	—	·15	17
18	—	·23	—	—	—	—	—	—	—	—	—	—	18
19	—	·02	·04	·05	·12	—	·20	—	—	—	—	—	19
20	·22	·01	—	—	·02	—	—	·04	—	—	—	·26	20
21	·08	·10	—	·38	—	—	·50	—	—	—	—	·21	21
22	—	·04	·03	—	—	·25	—	—	—	—	—	·12	22
23	—	·04	·12	·03	—	·02	—	—	·08	·41	—	·23	23
24	—	—	·10	—	—	—	—	—	·18	·11	—	·42	24
25	—	—	—	—	—	·42	—	—	—	—	—	·15	25
26	—	·40	—	—	—	·28	—	—	·02	—	—	·43	26
27	—	·14	—	—	—	—	·18	—	—	·44	—	·16	27
28	—	·05	—	—	·01	·29	·05	·42	—	·18	—	·01	28
29	—	—	—	—	·01	—	—	—	—	—	·15	·05	29
30	·17	✕	—	·38	—	—	—	·02	—	—	·04	·03	30
31	·07	✕	—	✕	—	✕	·01	·46	✕	—	✕	26	31
Total	4·22	3·59	1·40	2·51	1·07	1·50	3·17	6·24	·33	1·65	1·57	6·24	YEAR'S TOTAL 33·49
Rain Days.	17	20	12	12	10	7	12	17	6	8	9	26	156

bad

W. 8,000. X. 14.

Exd C.S.L.

REGISTER OF RAINFALL IN 1916

FORM A. BRITISH RAINFALL.

Kept at Weeton Res^r No 2

in the County of Lancaster

by The Fylde Water Board

Lat. 53°48' Long. 2°55'

Time of Observation 9 am

Nearest Railway Station Wrea Green

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 150·16 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·04	·04	·14	—	—	·08	·15	—	—	—	·10	—	1
2	·14	·26	·03	—	—	—	—	—	·40	·20	·03	·03	2
3	—	·05	—	·05	—	·02	·04	—	·46	·36	·04	·02	3
4	·05	·02	—	—	·48	·49	·02	—	·04	·24	·20	—	4
5	·16	·29	—	—	·26	·04	—	—	—	·72	·26	—	5
6	·17	·19	—	—	·33	—	·14	—	—	·02	·29	·03	6
7	—	·02	—	—	·01	—	·22	—	—	·08	·09	·34	7
8	·02	·05	—	—	—	·28	—	—	—	·02	·05	·01	8
9	·13	—	—	—	·24	—	—	—	·02	—	·03	·04	9
10	·01	·33	—	·20	—	—	·01	—	—	·18	·03	—	10
11	·06	·21	—	·74	·01	—	·09	—	·08	·01	—	·13	11
12	·02	·16	·04	·02	·43	—	·30	·02	—	·07	—	—	12
13	—	·05	·16	·10	—	—	—	·26	—	·86	·03	·05	13
14	—	·21	—	—	·30	—	—	·67	·03	·03	—	—	14
15	—	·23	·20	·07	—	—	·14	·95	·04	—	—	—	15
16	·01	·04	·13	·40	—	—	·07	·05	—	·09	—	—	16
17	·15	·12	—	·20	—	—	·02	—	·97	·10	—	—	17
18	·02	·13	—	·06	—	—	—	·31	·06	·06	·10	·10	18
19	·11	—	·14	·05	—	—	—	·16	—	—	·08	—	19
20	·20	—	·50	·33	—	—	—	—	—	—	·18	·02	20
21	·07	—	·01	—	·08	—	—	—	—	—	·08	·03	21
22	—	—	—	—	—	·15	—	—	—	·09	·02	·05	22
23	—	—	·16	·04	—	·03	—	·02	—	·06	·29	·21	23
24	—	—	·01	—	·11	—	—	·18	—	·08	—	·03	24
25	·02	—	·03	—	·05	·05	—	·12	·04	—	·21	·07	25
26	·09	—	·06	—	—	—	—	—	—	·04	—	—	26
27	—	·10	—	—	—	·16	—	·01	·06	·26	—	·04	27
28	·01	—	—	·02	—	—	—	—	—	·30	—	·33	28
29	—	·06	—	—	—	·20	—	—	—	·25	·01	·76	29
30	·03	✕	—	—	—	·03	—	—	—	·43	—	·02	30
31	—	✕	—	✕	·15	✕	—	·28	✕	·07	✕	·11	31
Total	1·51 ✓	2·56 ✓	1·61 ✓	2·28 ✓	2·45 ✓	1·53 ✓	1·20 ✓	3·03 ✓	2·20 ✓	4·62 ✓	2·12 ✓	2·42 ✓	YEAR'S TOTAL 27·53 ✓
Rain Days.	20 ✓	19 ✓	13. ✓	13. ✓	12. ✓	11. ✓	11. ✓	12. ✓	11. ✓	24 ✓	19. ✓	20. ✓	185 ✓

Bar

W. 8,000. X. 15.

3151

REGISTER OF RAINFALL IN 1916

FORM A.
BRITISH RAINFALL.

Kept at Weeton Resr No 3.
in the County of Lancaster
by The Fylde Water Board

Lat. 53°48 Long. 2°55'
Time of Observation 9 am
Nearest Railway Station Wrea Green
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 108·28 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·05	·06	·19	–	–	·07	·17	–	–	–	·11	–	1
2	·17	·27	·08	–	–	–	–	–	·44	·23	·04	·03	2
3	–	·03	–	·08	–	·03	·03	–	·51	·34	·06	·02	3
4	·07	·04	–	–	·60	·55	·04	–	·07	·30	·19	–	4
5	·17	·32	–	–	·31	·07	–	–	–	·78	·32	–	5
6	·21	·22	–	–	·33	·02	·16	–	·02	·01	·34	·04	6
7	·01	·05	–	–	–	·02	·20	–	–	·09	·08	·36	7
8	·03	·07	–	–	–	·37	–	–	–	·04	·08	·01	8
9	·14	–	–	–	·29	–	–	–	–	–	·04	·03	9
10	·01	·38	–	·25	–	–	·04	–	–	·21	·03	–	10
11	·13	·32	·02	·73	–	–	·10	–	·13	·01	–	·12	11
12	·04	·17	·03	·04	·46	–	·34	·04	·01	·10	–	–	12
13	–	·05	·14	·12	·01	–	–	·25	–	·90	·03	·04	13
14	–	·25	–	·06	·32	–	–	·52	·05	·06	–	–	14
15	–	·25	·23	·08	–	–	·11	·87	·12	–	–	–	15
16	·02	·19	·10	·40	–	–	·09	·02	–	·17	–	–	16
17	·17	·15	–	·25	–	–	·02	–	1·04	·11	–	–	17
18	·02	·13	–	·08	–	–	–	·34	·24	·07	·12	·11	18
19	·12	–	·10	·08	–	–	–	·19	–	–	·13	–	19
20	·23	–	·73	·43	–	–	–	–	–	–	·19	·04	20
21	·07	–	·03	–	·09	–	–	–	–	–	·09	·04	21
22	–	–	–	–	–	·16	–	–	–	·09	·02	·05	22
23	–	–	·15	·07	–	·04	–	·04	–	·08	·34	·25	23
24	–	–	·01	–	·10	–	–	·20	–	·10	–	·03	24
25	·04	–	·05	–	·03	·06	–	·13	·03	–	·26	·06	25
26	·08	–	·08	–	–	–	–	–	–	·04	·01	–	26
27	–	·11	–	–	–	·19	–	·01	·08	·29	–	·04	27
28	·01	–	–	·02	–	–	–	–	–	·35	·02	·32	28
29	–	·10	–	–	–	·20	–	–	–	·25	·01	·78	29
30	·04	✕	–	–	–	·04	–	–	–	·65	–	·03	30
31	–	✕	–	✕	·18	✕	–	·28	✕	·09	✕	·10	31
Total	1·83 ✓	3·16 ✓	1·94 ✓	2·69 ✓	2·72 ✓	1·82 ✓	1·30 ✓	2·89 ✓	2·74 ✓	5·36 ✓	2·51 ✓	2·50 ✓	YEAR'S TOTAL 31·46 ✓
Rain Days.	21 ✓	19 ✓	14 ✓	14 ✓	11 ✓	13. ✓	11. ✓	12 ✓	12. ✓	24 ✓	21 ✓	20 ✓	192. ✓

W. 8,000. X. 15.

Made ✓

Exd CF

3001

REGISTER OF RAINFALL IN 1917

Kept at Weeton Reservoir (No 3 Gauge)

in the County of Lancashire

by Fylde Water Board

Lat 53° 48′ Long 2° 55′

Time of Observation 9 am

Nearest Railway Station Wrea Green

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft – in.

" " " " " Sea Level 108·28 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., if possible, and the result entered to the previous day.

Date	Jan. in.	Feb. in.	March in.	April in.	May in.	June in.	July in.	Aug. in.	Sept. in.	Oct. in.	Nov. in.	Dec. in.	*Date*
1	–	–	·02	·01	–	·02	–	·05	·11	–	·23	·15	1
2	·61	–	–	·08	–	·02	–	–	–	–	·02	·03	2
3	·03	·18	–	–	–	·61	–	–	–	·28	·05	·01	3
4	·17	·06	·03	–	–	–	–	–	–	·74	–	·02	4
5	·32	–	·05	·20	–	–	–	·06	–	·27	·39	·02	5
6	·04	–	–	–	–	·30	–	–	–	·39	·29	·07	6
7	·74	–	–	–	–	–	–	–	–	·31	·08	·09	7
8	·09	–	–	·18	–	–	–	·37	·03	·58	·29	·24	8
9	–	–	·03	·11	–	–	–	·24	–	·16	·36	·02	9
10	·26	–	·74	·32	·07	–	–	·16	–	–	–	–	10
11	·14	·09	–	–	·05	–	–	·36	·04	·52	·04	–	11
12	–	~~09~~	·08	–	·48	–	–	·01	–	1·00	–	·03	12
13	–	–	–	·04	–	·03	–	·07	·91	·02	·16	·33	13
14	–	–	–	·04	·18	–	–	·07	–	·01	–	·15	14
15	·03	–	–	·15	–	–	–	–	·75	·12	–	·27	15
16	–	·03	–	·14	–	–	–	·78	–	–	·01	·09	16
17	–	·03	·19	·44	·03	–	·13	1·46	·48	·10	–	–	17
18	–	–	·04	·04	·06	–	·53	·02	·38	–	–	–	18
19	·01	·35	·39	–	·45	·04	–	–	–	–	–	·03	19
20	–	·36	–	–	·07	·36	–	·08	·08	–	·46	–	20
21	–	·01	·10	–	·35	·04	–	·02	–	·03	·01	–	21
22	–	–	–	–	–	–	–	·44	·06	·25	·07	–	22
23	–	·20	–	–	·18	·67	–	·14	·07	·20	–	·04	23
24	–	–	–	–	–	–	·37	·19	–	·46	·05	–	24
25	–	·09	·06	–	–	–	–	·20	·16	·05	–	–	25
26	–	–	–	–	–	–	–	·77	·36	·25	·96	–	26
27	–	–	·21	–	·38	·20	·40	·41	–	·22	·04	–	27
28	–	–	·15	–	–	–	·03	·24	–	·13	·03	–	28
29	–	×	·04	–	–	–	–	–	–	·60	·02	–	29
30	–	×	·19	–	–	–	–	·25	–	·17	·23	–	30
31	–	×	·29	×	·18	×	–	·66	×	–	×	–	31
Total	2·44	1·40	2·61	1·75	2·48	2·29	1·46	7·05	3·43	6·86	3·79	1·59	TOTAL for year 37·15
No. of Rain Days	11	10	16	12	12	10	5	23	12	23	20	16	170

Exd CDG

Amade

20

REGISTER OF RAINFALL IN 1917

Kept at Weeton Reservoir (No 2 Gauge)
in the County of Lancashire
by Fylde Water Board

Lat. 53° 48′ Long. 2° 55′
Time of Observation 9 am
Nearest Railway Station Wrea Green
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " " Sea Level 150·16 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., if possible, and the result entered to the previous day.

Date	Jan. in.	Feb. in.	March in.	April in.	May in.	June in.	July in.	Aug. in.	Sept. in.	Oct. in.	Nov. in.	Dec. in.	Date
1	–	–	·01	–	–	·01	–	–	·11	–	·22	·08	1
2	·55	–	–	–	–	–	–	–	–	–	·01	–	2
3	–	·20	–	–	–	·57	–	–	–	·21	·06	–	3
4	·08	–	–	–	–	–	–	–	–	·53	–	·01	4
5	·29	–	·02	·12	–	–	–	·07	·01	·14	·33	·02	5
6	·03	–	–	–	–	·23	–	–	–	·34	·24	·06	6
7	·44	–	–	–	–	–	–	–	–	·19	·01	·09	7
8	–	–	–	·16	–	–	–	·33	·03	·47	·25	·21	8
9	–	–	·02	·05	·03	–	–	·27	–	·13	·24	–	9
10	·24	–	·84	·12	·06	–	–	·17	–	–	–	–	10
11	·08	·05	–	–	·05	–	–	·36	·04	·45	·01	–	11
12	–	~~·05~~	·08	–	·48	–	–	·01	·01	·97	–	·01	12
13	–	–	–	·03	–	·02	–	·07	·89	–	·16	·30	13
14	–	–	–	·02	·14	–	–	·06	–	–	–	·06	14
15	–	–	–	·16	–	–	–	–	·73	·11	–	·20	15
16	–	·01	–	·11	–	–	–	·75	–	·01	·01	·06	16
17	–	·02	·20	·35	–	–	·13	1·33	·48	·06	–	–	17
18	–	–	·04	·03	·05	–	·49	·02	·37	–	–	–	18
19	–	·29	·25	–	·50	·03	–	–	–	–	–	·03	19
20	–	·31	–	–	·07	·28	–	·07	·04	–	·35	–	20
21	–	·01	·06	–	·36	–	–	–	–	·04	·01	–	21
22	–	–	–	–	–	–	–	·44	·04	·30	·05	–	22
23	–	·20	–	–	·20	·64	–	·12	·07	·11	–	–	23
24	–	–	–	–	–	–	·34	·16	–	·37	–	–	24
25	–	·08	·03	–	–	–	–	·16	·16	–	–	–	25
26	–	–	–	–	–	–	–	·71	·31	·15	·78	–	26
27	–	–	·20	–	·35	·15	·40	·36	–	·19	·04	–	27
28	–	·01	·14	–	–	–	·02	·16	–	·11	·03	–	28
29	–	X	·05	–	–	–	–	–	–	·73	–	–	29
30	–	X	·20	–	–	–	–	·31	–	·16	·23	–	30
31	–	X	·15	X	·15	X	–	·60	X	–	X	–	31
Total	1·71 ✓	1·18 ✓	2·29 ✓	1·15 ✓	2·44 ✓	1·93 ✓	1·38 ✓	6·53 ✓	3·29 ✓	5·77 ✓	3·03 ✓	1·13 ✓	TOTAL for year 31·83 ✓
No. of Rain Days	7 ✓	10 ✓	15 ✓	10 ✓	12 ✓	8 ✓	5 ✓	21 ✓	14 ✓	21 ✓	18 ✓	12 ✓	153 ✓

54

FORM A.
BRITISH RAINFALL.

26 5 19

REGISTER OF RAINFALL IN 1918.

Kept at Weeton Reservoir No 3

in the County of N. Lancashire

by Fylde Water Board

Lat. 53° 48' Long. 2° 55'
Time of Observation 9 am
Nearest Railway Station Wrea Green
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level 108·28 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—	·21	—	·05	—	—	—	—	·49	·06	·20	·33	1
2		·10	—	·05	—	—	—	—	·14	—	·06	·75	2
3		·06	—	—	·81	—	—	—	·05	·27	·02	—	3
4	·04	·13	—	—	·02	—	—	·01	·50	·41	·24	·03	4
5	—	—	—	·08	·26	—	—	·75	·06	·52	·10	·02	5
6	·08	·55	—	·42	—	·66	—	·03	—	·30	—	—	6
7	·11	·17	—	—	—	—	—	·03	·12	—	·15	·04	7
8	·19	·05	·05	—	—	·07	·30	—	·55	·25	·05	·04	8
9	·04	·46	—	·21	—	·36	—	—	·92	·72	—	·10	9
10	·06	·35	—	·03	—	—	·10	—	·72	·24	·26	·10	10
11	·23	·20	·09	·05	·11	—	·05	—	·22	—	—	·39	11
12	·04	·35	—	·05	·07	—	—	—	·24	—	—	·15	12
13	—	—	—	·12	·10	—	—	—	·28	·27	—	·03	13
14	·96	—	—	—	—	—	·20	—	·20	·11	—	·39	14
15	·07	—	—	—	—	—	·36	—	1·05	·11	—	1·04	15
16	·03	—	—	—	—	·08	·49	·07	·36	—	—	·22	16
17	·28	—	—	—	·09	·18	·29	·07	·02	·21	—	·28	17
18	·30	—	·11	—	—	·08	·47	—	·19	—	—	·42	18
19	·19	·17	·16	·10	—	—	·31	·24	·29	·07	—	1·04	19
20	·23	·61	—	·13	·23	·17	1·15	—	·23	—	—	·06	20
21	·23	·10	—	—	—	·11	·04	—	·70	—	—	·05	21
22	·24	—	—	—	·90	·02	·15	—	·40	—	—	·62	22
23	·13	—	—	—	·22	—	·73	—	·06	—	—	·01	23
24	·05	·09	—	—	—	—	—	·30	·12	·05	·13	·06	24
25	—	—	—	—	·10	·05	·50	·79	·43	—	·01	—	25
26	—	—	—	—	—	—	·06	·07	·31	·10	·36	·09	26
27	—	·04	·47	—	—	·04	—	1·19	·47	·05	·18	·49	27
28	—	·02	·13	—	—	—	—	—	·03	—	·20	·61	28
29	—		·10	—	—	—	—	—	·17	—	—	·32	29
30	—		·22	—	—	—	—	·06	·10	—	·38	·08	30
31	—		·14		—		—	·20		·05		·04	31
													YEAR'S TOTAL
Total	3·50	3·66	1·47	1·29	2·91	1·82	5·20	3·81	9·42	3·79	2·34	7·80	47·01 ✓
Rain Days.	19 ✓	17 ✓	9 ✓	11 ✓	11 ✓	11 ✓	15 ✓	13 ✓	29 ✓	17 ✓	14 ✓	28 ✓	194 ✓

W, 6,500, VII. 18. W W C

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E. BL

REGISTER OF RAINFALL IN 1918

FORM A. BRITISH RAINFALL.

26 5 19

Kept at Weeton Reservoir No. 2
in the County of N. Lancashire
by Fylde Water Board

Lat. 53° 48′ Long. 2° 55′
Time of Observation 9 am
Nearest Railway Station Wrea Green
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level 150·16 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—	·18	—	·05	—	—	—	—	·28	·06	·25	·36	1
2	—	·08	—	·04	—	—	—	—	·07	—	·06	·72	2
3	—	·05	—	—	·74	—	—	—	·05	·24	·01	—	3
4	—	·12	—	—	·01	—	—	·01	·54	·36	·20	·02	4
5	—	—	—	·08	·23	—	—	·81	·04	·46	·09	·01	5
6	·09	·57	—	·35	—	·57	—	·02	—	·25	—	—	6
7	—	·17	—	—	—	—	—	·01	·09	—	·17	·02	7
8	·16	·03	·05	—	—	·05	·26	—	·46	·21	·02	·02	8
9	·02	·46	—	·18	—	·33	—	—	·83	·70	—	·09	9
10	·07	·22	—	·01	—	—	·07	—	·67	·20	·24	·09	10
11	·21	·20	·08	·05	·10	—	·03	—	·09	—	—	·35	11
12	·01	·34	—	·05	·04	—	—	—	·31	—	—	·14	12
13	—	—	—	·08	·08	—	—	—	·24	·21	—	·01	13
14	·69	—	—	—	—	—	·16	—	·19	·10	—	·46	14
15	·05	—	—	—	—	—	·35	—	1·07	·22	—	1·00	15
16	·01	—	—	—	—	·06	·46	·08	·31	—	—	·16	16
17	·26	—	—	—	·06	·13	·24	·09	—	·16	—	·26	17
18	·30	—	·11	—	—	·06	·65	—	·17	—	—	·36	18
19	·20	·18	·15	·06	—	—	·30	·22	·20	·04	—	·78	19
20	·20	·61	—	·14	·18	·17	1·10	—	·17	—	—	·03	20
21	·31	·08	—	—	—	·05	·01	—	·63	—	—	·05	21
22	·23	—	—	—	·94	—	·12	—	·32	—	—	·48	22
23	·12	·01	—	—	·19	—	·56	—	·03	—	—	—	23
24	·04	·07	—	—	—	—	—	·25	·11	·02	·11	·05	24
25	—	—	—	—	·09	·04	·48	·73	·40	—	·01	—	25
26	—	—	—	—	—	—	·04	·05	·27	·10	·34	·06	26
27	—	·01	·43	—	—	·02	—	1·12	·40	·04	·19	·48	27
28	—	—	·10	—	—	—	—	—	·02	—	·16	·59	28
29	—	X	·08	—	—	—	—	—	·15	—	—	·28	29
30	—	X	·18	—	—	—	—	·05	·04	—	·35	·06	30
31	—	X	·11	X	—	X	—	·08	X	·03	X	·02	31
													YEAR'S TOTAL
Total	2·97	3·38	1·29	1·09	2·66	1·48	4·83	3·52	8·15	3·40	2·20	6·95	41·92
Rain Days.	17	17	9	11	11	10	15	13	28	17	14	27	189

W, 6,500, VII. 18. W W O

Ex Pl 2846

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Weeton Reservoir No 3

in the County of Lancaster

by The Fylde Water Board

Lat 53° 48′ Long 2° 55′

Time of Observation 9 am.

Nearest Railway Station Wrea Green

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft – in.

" " " " Sea Level 102·28 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·52	–	·03	–	·46	–	·17	·02	·86	·46	–	·03	1
2	·24	–	·42	–	·04	–	·20	–	·13	·02	–	·15	2
3	·10	–	–	–	·16	·26	·22	·03	–	–	·01	·18	3
4	·45	–	·44	–	·03	·02	·02	·52	·06	–	–	·08	4
5	·03	–	·08	–	·24	–	–	–	·06	–	–	·42	5
6	·12	–	·51	–	·04	–	–	–	·03	–	–	·05	6
7	–	–	·26	·12	·04	–	–	–	–	–	·01	–	7
8	·18	–	·05	–	–	–	–	–	–	–	–	–	8
9	·60	–	·09	·02	–	·04	–	–	–	–	–	–	9
10	·07	–	·47	·13	–	–	–	–	–	·07	–	·09	10
11	·03	–	·87	·03	·03	–	·13	–	·03	·24	–	·01	11
12	–	–	·02	–	–	·16	–	–	–	·09	·26	–	12
13	·42	–	–	·30	–	–	·02	·06	–	·90	–	·13	13
14	·33	·03	–	·21	–	–	–	–	–	·33	–	·06	14
15	·42	·04	–	·10	–	–	–	–	–	·09	–	·41	15
16	·12	·04	–	·02	·01	·04	–	–	–	–	·34	–	16
17	–	–	–	·04	–	·03	–	·67	–	–	·40	·01	17
18	–	–	·62	–	–	–	·27	·43	·10	–	·05	·17	18
19	·02	·50	1·08	–	–	·46	–	·35	·14	–	·11	·17	19
20	·36	·16	·03	–	–	·06	–	·16	·03	–	·20	·20	20
21	·04	·30	–	–	–	–	·11	–	·17	–	·10	·18	21
22	–	·10	–	–	–	·07	–	·07	·39	–	·06	·88	22
23	–	–	–	–	–	·11	–	·04	–	1·26	·02	·19	23
24	·02	–	–	·03	·45	–	–	·05	·05	·28	·45	·67	24
25	·17	–	–	·11	–	·03	–	·64	·26	–	17	–	25
26	·37	–	·35	·16	–	·10	–	·46	·08	–	–	·42	26
27	·11	–	–	·05	–	–	–	·04	–	–	–	–	27
28	–	–	–	–	–	–	–	1·00	–	–	–	·40	28
29	·02	–	–	·01	–	–	–	·12	·07	·08	–	·22	29
30	–		·06	·16	–	·10	–	–	–	·02	·21	·63	30
31	–		–		–		·40	·01		–		·04	31
TOTAL	4·74	1·17	5·38	1·49	1·50	1·48	1·54	4·67	2·46	3·84	2·39	5·79	YEAR'S TOTAL 36·45
Days with ·01 in. or more	22	7	16	15	10	13	9	17	15	12	14	24	174

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

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R

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at *Weeton Reservoir No 2*

in the County of *Lancaster*

by *The Fylde Water Board*

Lat. 53° · 48′ Long. 2° · 55′

Time of Observation 9 a.m.

Nearest Railway Station Wrea Green

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

" " " " Sea Level 150 · 16 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·45	–	–	–	·43	–	·11	·01	·77	·40	–	·02	1
2	·21	–	·36	–	·04	–	·17	–	·13	·01	–	·15	2
3	·08	–	–	–	·16	·22	·19	·02	–	–	–	·15	3
4	·33	–	·27	–	·03	·02	·03	·44	·04	–	–	·05	4
5	·01	–	·08	–	·22	–	–	–	·12	–	–	·30	5
6	·12	–	·48	–	·03	–	–	–	·02	–	–	·03	6
7	–	–	·23	·12	·03	–	–	–	–	–	–	–	7
8	·15	–	·04	–	–	–	–	–	–	–	–	–	8
9	·60	–	·08	–	–	·05	–	–	–	–	–	–	9
10	·05	–	·45	·09	–	–	–	–	–	·04	–	·08	10
11	·03	–	·69	·05	·01	–	·13	–	·03	·25	–	·01	11
12	–	–	01	–	–	·10	–	–	–	·06	·14	–	12
13	·34	–	–	·24	–	–	·03	·04	–	·68	–	·11	13
14	·33	03	–	·19	–	–	–	–	–	·30	–	·05	14
15	·44	·03	–	·04	–	–	–	–	–	–	–	·46	15
16	·09	·04	–	·02	·01	·05	–	–	–	–	·32	·01	16
17	–	–	–	·04	–	·04	–	·68	–	–	·36	·01	17
18	–	–	·52	–	–	–	·24	·41	·05	–	·04	·13	18
19	·02	·62	·88	–	–	·42	–	·29	·09	–	·06	·12	19
20	·30	·15	·03	–	–	·04	–	·21	·01	–	·10	·29	20
21	·04	·33	–	–	–		·12	–	·12	–	·10	·04	21
22	–	·10	–	–	–	·07	–	·05	·39	–	·05	·81	22
23	–	–	–	–	–	·05	–	·01	–	1·15	·02	·15	23
24	–	–	–	–	·39	–	–	·04	·03	·18	·44	·62	24
25	·16	–	–	·09	–	·02	–	·61	·21	–	·15	–	25
26	·34	–	·33	·17	–	·08	–	·39	·05	–	–	·38	26
27	·09	–	–	–	–	–	–	·05	–	–	–	–	27
28	–	–	–	–	–	–	–	·70	–	–	–	·33	28
29	·01	–	–	·01	–	–	–	·07	·04	·06	–	·22	29
30	–		·04	·16	–	·09	–	–	–	·02	·17	·60	30
31	–		–		–		·39	–		–		·01	31
TOTAL	4·19	1·30	4·49	1·22	1·35	1·25	1·41	4·02	2·10	3·15	1·95	5·13	YEAR'S TOTAL 31·56
Days with ·01 in. or more	21	7	15	12	10	13	9	16	15	11	12	25	166

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

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2730

18 APR 1921

REGISTER OF RAINFALL IN 1920

Kept at Weeton Reservoir. No. 2.
in the County of Lancashire
by The Fylde Water Board.

Lat 53° 48' Long 2° 55'
Time of Observation 9 a.m
Nearest Railway Station Wrea Green
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " " Sea Level 150·16 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., if possible, and the result entered to the previous day.

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·01	–	·06	·11	·39	–	·58	–	·06	·07	–	·14	1
2	–	–	–	·12	–	–	–	–	·45	·07	–	·14	2
3	–	·07	·13	·06	·02	–	·75	–	·23	·06	–	·10	3
4	–	–	–	·03	–	–	·05	·64	·06	·20	–	–	4
5	–	·01	·05	–	·58	–	·05	·12	·13	·19	·07	–	5
6	–	–	·30	·23	·21	–	–	–	–	·01	·08	–	6
7	·03	·11	·06	–	–	–	·39	–	–	–	·08	–	7
8	·02	·08	·01	·22	·16	–	·05	·16	–	–	·02	–	8
9	·35	·24	·05	·45	–	–	·09	–	·03	–	–	–	9
10	·45	·12	·08	·03	–	–	·03	–	–	–	–	–	10
11	·13	·02	·04	–	·48	·49	–	–	–	–	–	·03	11
12	·24	·04	·13	·28	–	·09	·10	–	·02	–	·16	–	12
13	·15	·05	·06	·08	–	·55	–	–	–	–	·10	·01	13
14	·01	·13	·09	·21	–	·06	·22	–	·30	·34	·50	–	14
15	–	·20	–	·34	–	–	–	–	–	·01	·03	–	15
16	–	–	·11	–	·15	·12	·35	–	·18	–	·01	–	16
17	·02	–	·07	–	·50	–	–	·05	·22	–	·04	–	17
18	·20	·03	–	·07	·25	–	–	–	·11	–	–	–	18
19	·02	·52	–	·05	·11	·11	·07	–	·18	–	–	–	19
20	·21	–	–	·35	–	–	·05	–	·29	–	–	·14	20
21	–	–	–	·05	–	–	·32	–	–	–	–	·07	21
22	·16	–	–	·25	–	–	·41	·12	–	–	–	–	22
23	–	–	·16	·22	–	–	·24	–	–	–	·01	·33	23
24	·12	–	·78	·05	–	·07	·11	–	–	–	–	·70	24
25	–	·11	·08	·01	–	–	·63	–	–	–	–	–	25
26	·18	·12	·65	·15	·56	–	·05	–	–	–	·07	·03	26
27	·18	–	·18	·04	·26	·59	·15	–	–	–	·06	·02	27
28	·18	·01	·33	·16	–	·15	·10	–	–	–	–	·21	28
29	·10	·02	·23	·02	·30	–	·21	–	–	–	·18	·40	29
30	·23		10	·03	·12	·11	–	–	·60	–	·13	·30	30
31	·15		·04		·15		·02	·15		·14		–	31
Total	3·14	1·88	3·79	3·61	4·14	2·34	5·01	1·24	2·86	1·09	1·54	2·62	TOTAL for year 33·27
No. of Rain Days	21	17	23	25	15	10	23	6	14	9	15	14	192
	15	12	22	20	14	10	21	6	12	7	11	10	160

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18 APL 1921

REGISTER OF RAINFALL IN 1920

Kept at Weeton Reservoir no. 3.
in the County of Lancashire
by The Fylde Water Board.

Lat 53°. 48' Long 2° 55'
Time of Observation 9 a.m.
Nearest Railway Station Wrea Green
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " " Sea Level 108·28 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., if possible, and the result entered to the previous day.

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·04	–	·08	·16	·30	–	·67	–	·08	·06	–	·17	1
2	–	–	–	·15	–	–	–	–	·47	·08	–	·17	2
3	–	·09	·15	·04	·03	–	·95	–	·24	·08	–	·14	3
4	–	–	–	·04	·03	–	·07	·83	·06	·20	–	–	4
5	–	·02	·06	–	·58	–	·07	·15	·19	·20	06	–	5
6	–	–	·35	·25	·24	–	–	–	–	·02	·09	–	6
7	·03	·14	·07	–	–	–	·47	–	–	–	·10	–	7
8	·03	·05	·06	·23	·17	–	·06	·16	·02	–	·02	–	8
9	·45	·30	·05	·45	–	–	·14	–	·06	–	–	–	9
10	·50	·12	·07	·03	–	–	·03	–	–	–	–	–	10
11	·15	·04	·05	–	·52	·55	–	–	–	–	–	·06	11
12	·25	·04	·16	·23	–	·10	·12	–	·03	–	·17	–	12
13	·17	·06	·06	·11	–	·53	–	–	–	–	·10	·03	13
14	·01	·15	·31	·25	–	·05	·24	–	·33	·42	·60	–	14
15	–	·20	–	·34	–	–	–	–	·01	·03	·04	–	15
16	–	–	·12	–	·15	·13	·40	–	·19	–	·06	–	16
17	·03	–	·07	–	·57	–	–	·07	·22	–	·05	–	17
18	·23	·02	–	·07	·36	–	–	–	·14	–	–	–	18
19	·03	·55	–	·07	·12	·13	·09	–	·23	–	·01	–	19
20	·22	–	–	·46	–	–	·05	–	·30	–	–	·16	20
21	–	–	–	·05	–	–	·39	–	–	–	–	·10	21
22	·17	–	–	·30	–	–	·48	·13	–	–	–	·02	22
23	–	–	·17	·29	–	–	·27	·02	–	–	·02	·38	23
24	·12	–	·80	·03	–	·08	·11	–	–	–	–	·72	24
25	–	·12	·09	·03	–	–	·62	–	–	–	–	–	25
26	·15	·14	·63	·24	·75	–	–	–	–	–	·07	·04	26
27	·16	–	·17	·07	·28	·57	·23	–	–	–	·08	·02	27
28	·37	·03	·35	·20	–	·12	·11	–	–	–	–	·24	28
29	·11	·02	·28	·03	·33	–	·22	–	–	–	·24	·44	29
30	·27		·11	·03	·13	·11	–	–	·61	–	·14	·35	30
31	·18		·04		·14		·03	·14		·11		·02	31
Total	3·67	2·09	4·30	4·15	4·70	2·37	5·82	1·50	3·18	1·20	1·85	3·06	TOTAL for year 37·89
No. of Rain Days	21	17	23	25	16	10	22	7	16	9	16	16	198
	16	13	23	20	14	10	20	6	13	7	13	12	167

FORM A2.
BRITISH RAINFALL.
2 - JAN 1912

RE

WESTBY WITH PLUMPTON
LANCASHIRE
1911- 1912

Kept at The Hil ... in.
... ound 1 ft. 3 in.
in the County of Lan ... a Level 100 ft. (estimated), as being about.
by E. T. Wil ... me Wrea Green
... stance 7 m Direction S. E.

IMPORTANT NO ... e result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	-	-	·07		·06		·03	·05			·27	·11	1
2	-	.	·03		·25			·01		·05		·07	2
3	-	.	·08		·06			·02			·35	·05	3
4	-	.	·03		·64		·02	·61	·06		·44	·18	4
5	·19	.	·04					1·23			·31	·11	5
6	·13	.	.					·46			·16	·17	6
7	.	.	.								·15		7
8	·09	-	·30									·75	8
9	·05	-	.									·40	9
10	·28	·17	·20									·39	10
11	.	.	.						·10		·27		11
12	.	·14	·19		·04						·31	·04	12
13	·04	·78			·03				1·63		·11	·27	13
14	·02	·13	·02								·09		14
15	.	·06		·06							·25	·06	15
16	.	-				·11					·16	·08	16
17	.	·15				·63	·04				·29	·08	17
18	.	·02		·07		·03				·02	·04	·13	18
19	.	·03		·08		·02			·38	·23	·09	·17	19
20	.	·31		·64			·18	·20	·12	·04		·74	20
21	.	·67		·01		·07		·17		·05		·12	21
22	.	·04		·03			·04		·17	·09		·04	22
23	·03	·21				·07				·30		·27	23
24	.	·10		·19		1·11		·08		·04		·02	24
25	.	·03		·16		·03			·47	·47		·15	25
26	.	·04		·16		·02		·17		·43	·08	·36	26
27	.	·63		·20				·61	·81			·25	27
28	.	·11		·25		·17			·04			·32	28
29	.	.		·53	·08	·12			·25	1·02		·15	29
30	.				·04	·09	·02			·28	·07		30
31	.		·15							·11		·02	31
Total	·83	3·62	1·11	2·38	1·20	2·47	·33	3·61	4·03	3·13	3·44	5·50	TOTAL for year 31·65
No. of Rain Days.	8	17	10	12	8	12	6	11	10	13	17	27	151

31·65

W. 8,000, X. '11.

R

FORM A2.
BRITISH RAINFALL.
2 - JAN 1912

Kept at The Hill, Westby with Plumpton C1

in the County of Lancaster

by E. T. Wilson

RAIN GAUGE
Pattern
Diameter of top 4 3/4 in.
Height of top above Ground 1 ft. 3 in.
" " " Sea Level 100 ft. (estimated, as being about.)

Time of Observation 8 am

Nearest Railway Station
Name Wrea Green
Distance 7 m Direction S. E.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	-	-	·07		·06		·03	·05			·27	·11	1
2	.	.	·03		·25			·01		·05		·07	2
3	.	.	·08		·06			·02			·35	·05	3
4	.	.	·03		·64		·02	·61	·06		·44	·18	4
5	·19	.	·04					1·23			·31	·11	5
6	·13	.	.					·46			·16	·17	6
7	.	.	.								·15		7
8	·09	-	·30									·75	8
9	·05	-	.									·40	9
10	·28	·17	·20									·39	10
11	.	.							·10		·27		11
12	.	·14	·19		·04						·31	·04	12
13	·04	·78			·03				1·63		·11	·27	13
14	·02	·13	·02								·09		14
15	.	·06		·06							·25	·06	15
16	.	-				·11					·16	·08	16
17	.	·15				·63	·04				·29	·08	17
18	.	·02		·07		·03				·02	·04	·13	18
19	.	·03		·08		·02			·38	·23	·09	·17	19
20	.	·31		·64			·18	·20	·12	·04		·74	20
21	.	·67		·01		·07		·17		·05		·12	21
22	.	·04		·03			·04		·17	·09		·04	22
23	·03	·21				·07				·30		·27	23
24	.	·10		·19		1·11		·08		·04		·02	24
25	.	·03		·16		·03			·47	·47		·15	25
26	.	·04		·16		·02		·17		·43	·08	·36	26
27	.	·63		·20				·61	·81			·25	27
28	.	·11		·25		·17			·04			·32	28
29	.	.		·53	·08	·12			·25	1·02		·15	29
30	.				·04	·09	·02			·28	·07		30
31	.		·15							·11		·02	31
Total	·83	3·62	1·11	2·38	1·20	2·47	·33	3·61	4·03	3·13	3·44	5·50	TOTAL for year 37·65
No. of Rain Days.	8	17	10	12	8	12	6	11	10	13	17	27	151

37·65

W. 8,000, X. '11.

Eo 93

REGISTER OF RAINFALL IN 1912

FORM A.
BRITISH RAINFALL.
4 - JAN 1913

Kept at The Hill, Westby
in the County of Lancaster C1
by E. T. Wilson

Lat. Long.
Time of Observation 9. A.M
Nearest Railway Station Wrea Green
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 3 in.
" " " " Sea Level 100 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	-	.	·26	.	-	·14	·05	·04	·07	-	·02	·69	1
2	·03	.	·53	.	·06	·12	·07	-	·08	-	.	·04	2
3	·20	.	·21	.	.	·17	-	·38	·39	.	-	·14	3
4	·53	.	·48	·07	·02	·36	-	·37	·07	.	·78	·02	4
5	·04	.	.	.	·26	·24	-	·01	·09	·03	·12	-	5
6	·27	·22	.	.	·05	-	-	·04	.	-	[illegible]	.	6
7	-	·11	.	.	·22	·02	·11	·18	·08	-	·09	·03	7
8	·10	·19	·09	·02	-	·06	-	·06	·07	-	·05	·09	8
9	·05	·03	·31	-	.	·24	-	·03	-	-	·02	·02	9
10	-	.	.	·27	·03	·33	·04	·04	-	.	·35	-	10
11	·12	.	.	.	·20	.	·05	·03	-	.	·02	·46	11
12	·14	·11	·49	.	-	·11	-	-	-	.	.	·01	12
13	·03	.	·02	.	.	.	.	-	·01	-	-	·07	13
14	·20	.	·31	-	-	·27	.	·02	-	·28	-	·29	14
15	·27	·19	·13	.	·02	·09	.	·08	-	·02	-	·03	15
16	·68	·01	·12	.	·09	.	-	·09	-	·37	·04	·08	16
17	·17	·38	·13	-	-	1·06	.	·57	-	.	·07	·36	17
18	·07	·03	-	-	.	·07	-	·01	-	·33	·23	·24	18
19	.	·04	·46	-	-	·02	-	·27	-	·22	·02	-	19
20	·07	.	·09	.	·50	·03	·03	·10	-	·41	-	·05	20
21	-	-	·17	-	·02	.	·07	·08	-	·36	·04	·08	21
22	.	·23	-	.	·56	-	·17	·49	-	-	·06	-	22
23	.	-	·21	.	-	·17	·41	·79	.	-	·19	·02	23
24	-	·04	·04	:	.	·19	·08	·06	-	·04	·03	·16	24
25	.	-	·23	-	.	·18	-	·01	-	-	·19	·03	25
26	-	·02	·24	-	-	·01	·36	·35	-	1·64	·11	·26	26
27	-	·01	·20	-	-	·57	·37	-	-	·47	·02	·11	27
28	-	.	·01	.	·01	·26	·34	·40	-	·31	·12	·01	28
29	-	·12	·02	-	.	·02	·48	·03	·04	·28	-	-	29
30	-		·29	.	·20	·04	·08	-	·17	·03	·02	·03	30
31	-		·18		·09		2·02	·47				·33	31
Total	2·97	1·83	5·22	·36	2·33	4·77	4·73	5·00	1·07	4·79	2·57	3·65	YEAR'S TOTAL 39·29
Rain Days.	16	15	24	3	15	24	16	26	10	14	20	25	208

FORM A2.
BRITISH RAINFALL.

20 FEB 1912

WEST DERBY
BASIL GRANGE
LANCASHIRE
1911- 1915.

Kept at Basil

in the County of

by Geo Da

in.

round ft. in.

ea Level ft.

a.m

ame West Derby

istance 1/4 m Direction ~~North~~

IMPORTANT he result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	—	8	—	10	—	1	11	—	—	55	1	1
2	—	—	3	—	16	—	—	1	—	6	5	3	2
3	—	—	—	—	40	—	—	—	1	—	9	12	3
4	—	—	3	—	—	—	1	34	17	—	17	5	4
5	15	—	6	—	4	—	—	1-69	—	—	—	3	5
6	22	—	2	—	—	—	—	40	—	—	32	7	6
7	1	—	—	—	—	—	—	—	—	—	12	—	7
8	15	—	20	—	—	—	—	—	—	—	24	60	8
9	1	—	4	—	—	—	—	—	—	—	1	2	9
10	1	9	15	—	—	—	—	—	10	—	—	38	10
11	5	—	~~2~~	—	—	—	—	—	2	—	40	5	11
12	—	—	45	—	—	3	—	—	1-58	—	34	—	12
13	—	2	1	—	—	—	—	—	2	—	11	13	13
14	5	53	—	—	—	—	5	—	—	—	7	23	14
15	—	13	—	4	—	—	—	—	—	—	5	5	15
16	1	11	—	1	—	7	3	—	—	—	6	7	16
17	2	—	—	—	20	52	—	—	—	—	6	12	17
18	—	22	—	14	—	16	—	1	—	5	—	7	18
19	—	13	—	5	—	24	3	—	17	27	32	10	19
20	—	13	—	61	—	2	10	43	27	9	—	56	20
21	—	33	4	1	—	—	4	2	1	19	—	2	21
22	—	2	—	4	—	4	—	—	—	(45) 43	—	19	22
23	—	19	—	—	—	6	—	—	29	2	—	29	23
24	—	12	3	13	—	1-23	—	8	—	52	—	6	24
25	—	8	~~1~~	35	—	7	—	—	77	61	—	23	25
26	—	3	—	22	—	9	11	1	—	91	6	38	26
27	—	33	1	58	—	~~6~~	—	67	94	—	—	9	27
28	—	20	—	32	—	7	—	—	9	1	—	31	28
29	—	—	—	32	—	34	7	1	30	44	—	12	29
30	—	—	—	1	—	15	34	—	~~0~~	23	4	~~0~~	30
31	—	—	19	—	1	—	3	—	~~0~~	13	—	2	31
Total	0-68	2-66	1-34	2-83	-91	3-03	-82	3-78	4-74	3-90	2-86	4-40	TOTAL for year 31·95
No. of Rain Days.	10	16	13 R14	14	6	14	11	12	14	14	18 ~~17~~	28	171

W. 8,000, X. '11.

FORM A2.
BRITISH RAINFALL.

20 FEB 1912

Kept at Basil Grange West Derby

in the County of Lancashire S1

by Geo Harris-Gardener

RAIN GAUGE	Diameter of top	in.
	Height of top above Ground	ft. in.
	" " " Sea Level	ft.

Time of Observation 8 a.m

Nearest Railway Station: Name West Derby

Distance 1/4 m Direction ~~North~~

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	—	8	—	10	—	1	11	—	—	55	1	1
2	—	—	3	—	16	—	—	1	—	6	5	3	2
3	—	—	—	—	40	—	—	—	1	—	9	12	3
4	—	—	3	—	—	—	1	34	17	—	17	5	4
5	15	—	6	—	4	—	—	1-69	—	—	—	3	5
6	22	—	2	—	—	—	—	40	—	—	32	7	6
7	1	—	—	—	—	—	—	—	—	—	12	—	7
8	15	—	20	—	—	—	—	—	—	—	24	60	8
9	1	—	4	—	—	—	—	—	—	—	1	2	9
10	1	9	15	—	—	—	—	—	10	—	—	38	10
11	5	—	—	—	—	—	—	—	2	—	40	5	11
12	—	—	45	—	—	3	—	—	1-58	—	34	—	12
13	—	2	1	—	—	—	—	—	2	—	11	13	13
14	5	53	—	—	—	—	5	—	—	—	7	23	14
15	—	13	—	4	—	—	—	—	—	—	5	5	15
16	1	11	—	1	—	7	3	—	—	—	6	7	16
17	2	—	—	—	20	52	—	—	—	—	6	12	17
18	—	22	—	14	—	10	—	1	—	5	—	7	18
19	—	13	—	5	—	24	3	—	17	27	32	10	19
20	—	13	—	61	—	2	10	43	27	9	—	56	20
21	—	33	4	1	—	—	4	2	1	19	—	2	21
22	—	2	—	4	—	4	—	—	—	(.43) 43	—	19	22
23	—	19	—	—	—	6	—	—	29	2	—	29	23
24	—	12	3	13	—	1-23	—	8	—	52	—	6	24
25	—	8	~~1~~	25	—	7	—	—	77	61	—	23	25
26	—	3	—	22	—	9	11	1	—	91	6	38	26
27	—	33	1	58	—	~~6~~	—	67	94	—	—	9	27
28	—	20	—	32	—	7	—	—	9	1	—	31	28
29	—	—	—	32	—	34	7	1	30	44	—	12	29
30	—	—	—	1	—	15	34	—	~~0~~	23	4	~~0~~	30
31	—	—	19	—	1	—	3	—	~~0~~	13	—	2	31
Total	0-68	2-66	1-34	2-83	-91	3-03	-82	3-78	4-74	3-90	2-86	5-40	TOTAL for year 31-95
No. of Rain Days.	10	16	13 R14	14	6	14	11	12	14	14	18 ~~17~~	28	171

W. 8,000, X. '11.

FORM A2.
BRITISH RAINFALL.
17 JAN 1913

REGISTER OF RAINFALL IN 1912

Kept at Basil Grange West Derby
in the County of Lancashire S1
by Geo Harris

RAIN GAUGE
Pattern
Diameter of top 8 in.
Height of top above Ground 1 ft. 3 in.
" " " Sea Level 100 ft.

Time of Observation 8-am
Nearest Railway Station
Name West Derby
Distance 1/4 m Direction N

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0 0	0-0	0-3	0-0	0-1	0-3	0-0	0-5	0-12	0-0	0-0	0-44	1
2	0 3	(·05) Snow ½ in	0-13	0-3	0 2	0-22	0 5	0-0	0-1	0-0	0-0	0-2	2
3	0-38	0-0	0-0	0-0	0-0	0-2	0-0	0-46	0-28	0-0	0-0	0-2	3
4	0-42	(05) Snow ½	0-49	0-1	0-5	0-56	0-0	0-33	0-0	0-0	0 60	0-0	4
5	0-20	0-0	0-0	0-0	0-25	0-15	0-0	0-2	0-7	0-0	0-4	0 3	5
6	0-79	(·07) 0-17	0-0	0-0	0-5	0-0	0-0	0-19	0-0	0-0	0-0	0-0	6
7	0-0	0-5	0-0	0-0	0-6	0 1	0-5	0-6	0-23	0-0	0-0	0-5	7
8	0-36	0-19	0-4	0-0	0-0	0 32	0-0	0-40	0-47	0-0	0-0	0-0	8
9	0-15	0-2	0-64	0-20	0-0	0 23	0-0	0-0	0-0	0-0	0-6	0-5	9
10	0-8	0-0	0-1	0-0	0-0	0 15	0-2	0-0	0-0	0-0	0-19	0-3	10
11	0-1	0-1	0-0	0-0	0-5	0 0	0-0	0-5	0-0	0-0	0-0	0-57	11
12	0-2	0-8	0-43	0-0	0-0	0 1	0-6	0-2	0-0	0-0	0-0	0-11	12
13	0-2	0-0	0-2	0-0	0-0	0-3	0-0	0-17	0-0	0-48	0-0	0-9	13
14	0-10	0-0	0-66	0-0	0-0	0-12	0-0	0-23	0-5	0-0	0-0	0-7	14
15	0-5	0-19	0-9	0-0	0-35	0-26	0-0	0-31	0-0	0-0	0-0	0-11	15
16	0-47	0-0	0-10	0-0	0-0	0-0	0-0	0-9	0-0	0-21	0-6	0-3	16
Snow 17	(1·30) 1½ in	0-31	0-10	0-0	0-1	0-53	0-0	0-70	0-0	0-0	0-7	0-11	17
Snow 18	(·17) 2 in	0-0	0-2	0-0	0-0	0-3	0-0	0-27	0-0	0-21	0-8	0-9	18
When Melted 19	(1-47)	0-4	0-30	0-0	0-0	0-1	0-0	0-19	0-0	0-3	0-3	0-1	19
20	0-0	0-0	0-7	0-0	0-22	0-0	0-2	0-21	0-0	0-21	0-8	0-7	20
21	0-0	0-0	0-18	0-0	0-23	0-0	0-38	0-6	0-0	0-39	0-8	0-5	21
22	0-0	0-8	0-0	0-0	0-47	0-0	0-13	0-66	0-0	0-0	0-0	0-14	22
23	0-0	0-0	0-38	0-0	0-0	0 10	0-27	0-80	0-0	0-3	0-14	0-2	23
24	0-0	0-0	0-9	0-0	0-0	0 12	0-4	0-12	0-0	0-1	0-0	0-22	24
25	0-0	0-2	0-15	0-0	0-0	0 12	0-0	0-0	0-0	0-0	0-50	0-7	25
26	0-0	0-6	0-25	0-0	0-0	0 31	0-35	0-22	0-0	1-27	0-12	0-14	26
27	0-0	0-0	0-27	0-0	0-0	0-49	0-42	0-0	0-0	0-35	0-8	0-5	27
28	0-0	0-6	0-0	0-0	0-0	0-41	0-33	0-33	0-8	0-27	0-39	0-0	28
29	0-0	0-0	0-8	0-0	0-0	0-93	0-52	0-2	0-24	0-11	0-0	0-6	29
30	0-10		0-15	0-0	0 26	0-1	0-10	0-0	0-6	0-3	0-0	0-0	30
31	0-0		0-5		0 34		1-27	0-22		0-0		0-3	31
Total	4-62	1-28	4-73	0-24	2-37	4-55	4-01	6-18	1-61	3-60	2-52	2-68	TOTAL for year 38-39
No. of Rain Days.	16	15	24	3	14	24	15	25	10	13	15	26	200

W. 8,000, X. '11.

cnd per auth 2.IV.14 W DL

REGISTER OF RAINFALL IN 1913

FORM A.
BRITISH RAINFALL.
4 FEB 1914

Kept at Basil Grange West Derby
in the County of Lancashire 51
by Geo Harris - Gardener

Lat. .... Long. ....
Time of Observation 8 a m
Nearest Railway Station West Derby
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 3 in.
" " " " Sea Level 100 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	00	02	01	06	02	00	00	00	00	00	06	02	1
2	00	05	08	00	00	00	00	00	00	00	02	00	2
3	03	00	26	00	85	00	00	00	00	00	00	75	3
4	32	13	01	00	04	01	03	00	00	17	01	31	4
5	42	03	00	00	08	15	25	00	00	09	04	06	5
6	09	10	07	00	97	12	1-35	00	00	06	04	10	6
7	00	13	00	00	23	30	01	00	00	27	16	04	7
8	00	04	01	00	03	05	01	22	02	03	08	00	8
9	00	21	16	22	06	48	12	12	01	00	12	23	9
10	01	02	09	18	08	00	05	00	06	10	9	00	10
11	1-02	00	02	42	06	11	01	01	00	10	20	00	11
12	36	00	00	00	05	02	00	00	28	00	47	02	12
13	00	31	24	00	00	00	12	03	15	01	31	00	13
14	09	00	20	11	00	00	00	14	01	47	27	00	14
15	02	00	18	31	00	00	00	00	00	03	22	13	15
16	00	00	03	00	00	00	02	00	00	00	08	00	16
17	00	00	06	11	02	00	09	01	04	00	21	00	17
18	01	00	22	16	05	01	14	00	00	00	08	00	18
19	02	00	03	02	00	30	03	00	13	21	02	00	19
20	08	00	07	07	00	00	04	00	00	21	40	00	20
21	00	00	05	00	12	00	12	07	00	00	02	00	21
22	60	00	82	00	00	13	00	91	49	00	00	00	22
23	09	00	2	00	08	32	00	61	21	00	15	03	23
24	19	01	00	01	00	22	00	00	00	00	06	06	24
25	00	00	00	08	00	00	00	00	28	07	02	03	25
26	00	00	00	1-03	00	01	00	00	28	00	00	50	26
27	00	04	00	18	00	00	00	00	00	21	06	21	27
28	25	00	07	34	04	00	00	00	00	11	01	14	28
29	00		18	57	12	00	00	13	00	08	07	00	29
30	25		01	00	00	00	00	00	00	08	30	00	30
31	05		18		28		00	00		00		00	31
Total	3.90	0.79	3.07	3.87	2-58 2·58	2-23	2-35	2-25	1-96	2-30	3-57	2-63	YEAR'S TOTAL 31-59 31·50
Rain Days.	18	12	24	16	18	14	15	10	12	17	27	15	198

W.7,000, XI. 13

15.V.15

FORM A. BRITISH RAINFALL.

3 - MAY 1915

REGISTER OF RAINFALL IN 1914

Kept at Basil Grange West Derby
in the County of Lancashire 51
by Geo Harris

Lat. Long.
Time of Observation 8 a m
Nearest Railway Station West Derby
Diameter of Rain Gauge 8 in in.
Height of top of Gauge above Ground 1 ft. 3 in.
" " " " Sea Level about 100 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. 0-7

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	00	00	09	00	00	04	44	57	00	00	00	24	1
2	00	00	00	00	07	00	78	21	00	00	20	32	2
3	05	00	00	00	22	00	02	00	00	00	00	52	3
4	25	00	13	16	16	01	00	01	00	00	24	25	4
5	10	00	32	04	17	06	26	00	00	00	18	16	5
6	02	00	00	18	17	08	07	05	00	00	07	00	6
7	00	06	25	06	35	05	07	21	00	00	00	15	7
8	35	00	00	00	27	06	17	34	29	00	00	02	8
9	20	13	01	11	09	53	00	09	20	00	16	00	9
10	04	05	27	05	02	01	00	00	28	00	2	00	10
11	00	16	31	01	02	15	02	00	24	00	78	37	11
12	00	37	19	00	01	06	34	00	65	00	12	08	12
13	00	07	20	04	07	00	02	00	10	64	24	14	13
14	00	01	10	00	00	00	00	00	01	01	22	17	14
15	00	05	42	00	00	00	00	00	01	00	14	15	15
16	00	05	03	00	00	00	1-08	00	66	00	00	02	16
17	00	22	32	00	00	00	10	00	71	00	00	63	17
18	00	00	01	00	00	00	00	00	16	00	00	13	18
19	00	01	04	00	00	00	08	00	32	00	00	21	19
20	00	17	22	00	00	45	00	00	00	00	00	04	20
21	00	13	00	00	00	15	00	05	00	10	00	36	21
22	00	10	00	05	01	05	00	15	00	01	00	00	22
23	00	02	11	01	20	00	19	01	00	06	13	00	23
24	02	00	04	10	00	00	17	21	00	06	15	00	24
25	04	00	00	00	00	00	11	37	00	83	08	32	25
26	00	00	05	00	00	00	25	05	00	33	27	19	26
27	15	00	00	00	00	00	00	00	00	37	27	83	27
28	05	18	18	00	01	00	00	00	00	00	07	25	28
29	07		04	00	19	00	00	06	00	00	02	06	29
30	00	X	02	00	00	00	00	08	00	00	13	05	30
31	07	X	04	X	00	X	49	00	X	10	X	00	31
Total	1-41	1·78 1-78	3-39	0-75	2-03	1-70	4-66	2-46	3-63	2-39	3-49	5-66	YEAR'S TOTAL 33-35
Rain Days.	13	15	23	10	16	13	18	15	12	8	19	24	187

33·35
187

W. 8,000. X. 14.

~~15~~ hmo [illegible] 10.IV.16 2994

REGISTER OF RAINFALL IN 1915

FORM A. BRITISH RAINFALL.

14. JAN 1916

Kept at Basil Grange West Derby Liverpool

in the County of Lancashire

by Geo Harris Gardener

Lat. .... Long. ——

Time of Observation 8 AM

Nearest Railway Station West Derby, Cheshire Lines

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 3 in.

" " " " Sea Level 100 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. 0-26 for 24 hours

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	07	27	08	00	38	00	01	25	10	01	00	14	1
2	01	42	26	41	00	15	13	15	00	05	06	01	2
3	41	03	02	17	00	00	49	00	00	00	06	28	3
4	00	32	00	00	25	00	03	00	00	00	08	79	4
5	04	15	18	00	00	10	00	03	00	00	00	65	5
6	16	02	10	22	00	00	44	08	00	00	04	30	6
7	81	30	00	09	00	00	39	50	00	00	03	14	7
8	30	04	00	00	00	00	00	37	00	00	31	00	8
9	00	03	00	07	00	00	00	03	00	00	35	57	9
10	53	00	11	09	00	00	00	76	00	00	05	15	10
11	09	00	00	01	27	00	04	08	00	06	49	53	11
12	12	00	00	09	12	00	04	21	00	29	73	00	12
13	03	10	00	09	00	00	08	03	00	06	06	02	13
14	04	00	00	05	05	00	08	47	12	00	05	08	14
15	62	00	00	00	00	00	89	62	00	00	24	25	15
16	00	09	00	00	20	00	87	1-36	00	00	00	02	16
17	00	16	06	00	03	00	00	00	00	00	00	02	17
18	00	13	19	00	00	00	00	00	00	00	00	00	18
19	02	05	20	00	06	00	12	00	00	00	00	00	19
20	12	06	01	00	05	00	00	05	00	00	00	21	20
21	20	05	00	10	00	00	26	00	00	00	00	29	21
22	01	00	06	03	00	16	05	00	00	00	00	12	22
23	00	14	03	00	00	02	00	00	63	83	00	04	23
24	00	00	18	03	00	01	00	00	23	35	00	30	24
25	00	00	00	00	00	49	48	00	65	00	00	18	25
26	00	05	00	00	00	02	43	00	12	00	00	30	26
27	00	11	00	00	00	00	36	00	00	38	00	46	27
28	00	05	00	00	00	16	00	56	00	30	00	02	28
29	00	~~05~~	00	00	02	01	00	02	00	00	09	10	29
30	12	X	00	14	00	00	00	01	00	10	01	00	30
31	18	X	00	X	00	X	1	1 02	X	2	X	25	31
Total	3.88	2-57	1-48	1-59	1-43	1-12	3-72	6-00	1-25	2·39 2-39	2-45	6-22	YEAR'S TOTAL 34·10 34-04
Rain Days.	19	20	13	14	10	9	16	19	6	10	12	26	174

W. 8,000. X. 15.

Smaje

99

FORM A.
BRITISH RAINFALL.

2929 LANCASHIRE

WESTDIDSBURY, TOWN HALL

1918 – ~~20~~1919

REC

Kept at Withington ... 14' 38" W. 10 ... 6. ... a.m.

in the County of S. Lanc ... Withington (Haid ...)

by V. Hellawell

Gauge 8" in.

...e Ground 3 ft. - in.

Sea Level 111 ft.

IMPORTANT NOT... the result entered to the previous day. If an Observer ... versal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	..	·12	..	·03	·02	..	..	..	·41	·09	·11	·06	1
2	..	·11	..	·05	..	..	..	·10	·45	..	..	·82	2
3	..	..	..	..	·59	..	..	·03	·04	·11	..	·02	3
4	·10	..	..	..	..	..	..	·07	·15	·61	·20	·25	4
5	..	..	..	·05	·40	·09	..	·82	·25	·22	..	..	5
6	·04	1·00	..	·26	..	·25	..	·09	..	·16	..	..	6
7	..	·09	..	·05	..	..	..	..	·20	·26	·16	·01	7
8	..	..	·10	..	..	..	·13	..	·26	·12	·06	·01	8
9	·29	·83	..	..	..	·40	..	..	·68	·37	..	·03	9
10	..	·28	..	..	..	..	·10	..	·12	·08	·15	·04	10
11	·20	·20	·03	·07	·15	..	..	..	·10	·16	..	·12	11
12	..	·27	..	·21	·13	·01	·60	..	·14	·05	..	·30	12
13	·03	..	..	..	·19	..	..	..	·44	·19	..	·02	13
14	·42	..	..	..	..	·21	·12	..	·40	·02	..	·05	14
15	..	..	..	..	·04	..	·57	..	1·18	..	..	·60	15
16	..	..	..	·11	..	·15	·12	·04	·17	·09	..	·24	16
17	·32	..	..	..	..	·01	·07	·06	·11	·08	..	·22	17
18	·30	..	·04	..	..	·09	·51	·04	·43	..	..	·44	18
19	·10	·02	·28	·06	..	..	·28	·08	·23	·03	..	·34	19
20	·09	·52	..	·10	..	·14	·58	..	·20	..	..	..	20
21	·15	·17	..	..	·09	·15	..	..	·34	..	..	..	21
22	·03	..	..	..	·41	·05	·15	·02	·06	..	..	·56	22
23	·07	..	..	..	·43	..	·16	..	·14	..	·05	·18	23
24	..	·04	..	..	..	..	·17	·16	·08	·07	·06	·18	24
25	..	..	..	..	·04	..	·21	·45	·05	..	..	·02	25
26	..	..	..	..	..	..	·09	·05	·26	..	·09	·07	26
27	..	·08	·10		..	·06	·05	·41	·52	·04	·17	·40	27
28	..	·05	·41	..	..	..	..	..	·15	..	·27	·55	28
29	..		..	..	..	..	..	..	·05	..	..	·10	29
30	..	✕	·20	..	..	..	..	·10	·04	–	·15	·25	30
31	..	✕	·23	✕	–	✕	..	·29	✕	..	✕	..	31
Total	2·14	3·78	1·39	·99	2·49	1·61	3·85	2·81	7·65	2·75	1·47	5·88	YEAR'S TOTAL 36·81
Rain Days.	13	14	8	10	11	12	16	16	29	18	11	26	184

W, 6,500, VII. 18. W W C

Smart

REC[redacted]

FORM A.
BRITISH RAINFALL.

Kept at Withington Town Hall

in the County of S. Lancashire

by C. Hellawell **Southern District Surveyor.**

Lat. 53° 26' 45" N Long. 2° 14' 38" W. 10 6.

Time of Observation 9 a.m.

Nearest Railway Station Withington (Mid. Ry)

Diameter of Funnel of Rain Gauge 8" in.

Height of top of Gauge above Ground 3 ft. in.

" " " " Sea Level 111 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	..	·12	..	·03	·02	..	..	..	·41	·09	·11	·06	1
2	..	·11	..	·05	..	..	..	·10	·45	..	..	·82	2
3	..	..	..	..	·59	..	..	·03	·04	·11	..	·02	3
4	·10	..	..	..	..	..	..	·07	·15	·61	·20	·25	4
5	..		..	·05	·40	·09	..	·82	·25	·22	..	..	5
6	·04	1·00	..	·26	..	·25	..	·09	..	·16	..	..	6
7	..	·09	..	·05	..	..	..	..	·20	·26	·16	·01	7
8	..	..	·10	..	..	..	·13	..	·26	·12	·06	·01	8
9	·29	·83	..	..	..	·40	..	..	·68	·37	..	·03	9
10	..	·28	..	..	..	..	·10	..	·12	·08	·15	·04	10
11	·20	·20	·03	·07	·15	..	..	..	·10	·16	..	·12	11
12	..	·27	..	·21	·13	·01	·60	..	·14	·05	..	·30	12
13	·03	..	..	..	·19	..	..	..	·44	·19	..	·02	13
14	·42	..	..	..	..	·21	·12	..	·40	·02	..	·05	14
15	..	..	..	..	·04	..	·57	..	1·18	..	..	·60	15
16	..	..	..	·11	..	·15	·12	·04	·17	·09	..	·24	16
17	·32	..	..	..	..	·01	·07	·06	·11	·08	..	·22	17
18	·30	..	·04	..	..	·09	·51	·04	·43	..	..	·44	18
19	·10	·02	·28	·06	..	..	·28	·08	·23	·03	..	·34	19
20	·09	·52	..	·10	..	·14	·58	..	·20	..	..	..	20
21	·15	·17	..	..	·09	·15	..	..	·34	..	..	..	21
22	·03	..	..	..	·41	·05	·15	·02	·06	..	..	·56	22
23	·07	..	..	..	·43	..	·16	..	·14	..	·05	·18	23
24	..	·04	..	..	..		·17	·16	·08	·07	·06	·18	24
25	..	..	..	..	·04	..	·21	·45	·05	..	..	·02	25
26	..	..	..	..	..	..	·09	·05	·26	..	·09	·07	26
27	..	·08	·10		..	·06	·05	·41	·52	·04	·17	·40	27
28	..	·05	·41	..	..	..	..	..	·15	..	·27	·55	28
29	..		..	..	..	..	..	..	·05	..	..	·10	29
30	..	X	·20	..	..	..	..	·10	·04	–	·15	·25	30
31	..	X	·23	X	–	X	..	·29	X	..	X	..	31
Total	2·14	3·78	1·39	·99	2·49	1·61	3·85	2·81	7·65	2·75	1·47	5·88	YEAR'S TOTAL 36·81
Rain Days.	13	14	8	10	11	12	16	16	29	18	11	26	184

W. 6,500, VII. 15. W W C

2705

10 JUN 20

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Withington Town Hall
in the County of Lancaster
by O H Maxwell
Southern District Surveyor. Manchester Corporation

Lat. 53° 28' N. Long. 2° 14' W
Time of Observation 9 a.m.
Nearest Railway Station Withington
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 4 ft. – in.
" " " " Sea Level 121 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

PAVING DEPT. 25 JUN 1920 SOUTHERN DISTRICT

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·30	..	..	..	·50	..	·23	·02	·30	·35	·03	·12	1
2	·20	..	·56	..	..	..	·18	..	·05	·02	..	·12	2
3	·10	..	..	..	..	·13	·15	..	·18	..	·04	·04	3
4	·40	..	·34	..	·03	·07	·04	·23	·07	..	·03	·08	4
5	..	..	..	..	·02	..	..	..	·03	..	..	·40	5
6	·04	..	·33	..	·62	..	·02	..	..	..	..	·21	6
7	·03	..	·34	..	..	..	..	..	..	..	·18	..	7
8	·09	..	..	..	..	..	..	..	..	..	..	..	8
9	·08	..	·11	·04	..	·02	..	..	..	..	·02	..	9
10	..	..	·66	·11	..	..	..	..	..	..	·04	·15	10
11	..	..	·73	·06	·10	..	·07	..	..	..	..	..	11
12	..	..	·49	·25	..	..	..	..	..	·19	..	..	12
13	·22	·02	..	·10	..	·18	..	..	..	·24	..	·13	13
14	·39	·02	..	·16	..	..	..	..	..	·10	..	..	14
15	·13	·01	..	·33	..	..	..	..	..	..	·03	·37	15
16	·15	·02	..	·05	..	·02	..	..	..	..	·35	·02	16
17	·07	..	..	·30	..	·28	..	·25	..	..	·68	·04	17
18	..	..	·32	..	..	..	..	·57	·10	..	·04	·15	18
19	·02	·10	·42	..	..	·16	·85	·27	·13	..	·22	·08	19
20	·18	·07	..	..	..	·22	·05	·07	·04	..	·13	·50	20
21	·02	·29	..	..	..	..	·15	..	·03	..	·03	·31	21
22	..	·02	..	..	..	·02	..	·05	·58	..	·10	1·25	22
23	..	..	..	..	..	·18	..	..	..	·85	·03	·21	23
24	..	..	..	·06	..	..	..	·05	·13	·21	·14	·30	24
25	·13	·02	..	·05	·24	·05	..	·42	..	..	·15	..	25
26	·02	..	·47	·02	..	·08	..	·23	·11	..	..	·40	26
27	·07	..	..	·27	..	·03	..	·04	..	..	..	..	27
28	..	..	..	·10	..	..	..	·67	..	..	..	·25	28
29	·10	..	..	·03	..	·03	..	·12	..	·19	..	·15	29
30	..		·14	·25	..	·23	..	..	..	·03	·11	·14	30
31	-		·05		..		·29	·02		..		·06	31
TOTAL	2·74	0·57	4·96	1·88	1·51	1·70	2·03	3·01	1·75	2·18	2·35	5·48	YEAR'S TOTAL 30·16
Days with ·01 in. or more	20	9	13	16	6	15	10	14	12	9	18	23	165

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

FORM A2.
BRITISH RAINFALL.

8 - JAN 1912

WHALLEY RANGE
LANCASHIRE
1911- 1914

Co
F

Kept at 29 Whalley
Whalley Ra

in the County of Lanc

by J. Herbert C

in. one ft. in.

Level 99.7 ft.

Manchester Central

nce 2¼ Direction N.

IMPORTANT NOTE.—Rain should be measured daily result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
nil.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	–		–	·02	–	·03	–	–	–	·13	–	1
2	–	–	·31	–	·14	–	–	·02	–	·05	·09	·10	2
3	·03	–	·05	–	·30	–	–	·01	–	–	·18	·02	3
4	·01	–	·05	·01	·04	–	·04	·01	·18	·02	·38	·04	4
5	·03	–	·11	·01	–	–	–	·31	–	·06	–	·01	5
6	·51	–	·05	·02	–	–	–	·48	–	·08	·26	·20	6
7	·02	–	·01	–	–	–	–	·01	–	–	·16	–	7
8	·16	–	7 nil ·20	–	–	–	–	–	–	–	·01	·47	8
9	·01	·06	·01	–	–	–	–	–	–	–	–	·16	9
10	·08	·01	·01	–	–	–	–	–	–	–	–	·34	10
11	·15	–	–	–	–	–	–	–	·02	–	·26	·14	11
12	·01	–	·23	–	–	–	–	–	1·45	–	·40	·03	12
13	–	–	·01	–	·05	–	–	–	–	–	·14	·20	13
14	·06	·30	·01	–	·40	–	–	–	–	–	·11	·45	14
15	–	·18	·01	–	–	–	–	–	–	–	·04	·20	15
16	–	·29	·05	·03	–	–	–	–	–	–	·05	·14	16
17	–	–	·01	–	·03	·04	–	–	–	–	·25	·04	17
18	–	20	–	–	–	·33	–	·03	–	·01	·05	·15	18
19	–	–	–	·04	–	·22	·01	–	·23	·30	·01	·08	19
20	–	·16	–	·17	–	·13	·25	·69	·10	·04	–	·26	20
21	–	·40	·04	·04	–	·05	–	·09	–	·07	–	·10	21
22	·04	·02	–	·05	–	–	·11	–	–	·47	·01	·10	22
23	–	·21	·06	–	·02	26?	–	–	·16	·06	–	·28	23
24	–	·09	–	·20	–	1·00?	·34	·07	–	·20	–	·05	24
25	·02	·21	–	·19	–	·02	–	–	·45	·05	–	·18	25
26	–	·01	–	·21	·04	·03	–	·04	–	·39	·05	·44	26
27	–	·16	–	·54	–	·01	–	·68	·53	–	·02	·11	27
28	–	·13	–	·19	–	·14	–	·26	·09	–	–	·35	28
29	–		–	25	–	·07	·05	·05	·37	·42	–	17	29
30	–		–	·11	11	·24	–	–	–	·25	–	–	30
31	–		·05		–		–	–		·21		·03	31
Total	1·13	~~2·30~~ 2·43	1·27	2·06	1·15	~~3·54~~	·83	2·75	3·58	2·68	2·60	4·84	TOTAL for year 28·86
No. of Rain Days	13	15	18	15	10	13	7	14	10	16	19	28	178

9,000, IX. '10.

2·54

27·86

FORM A2.
BRITISH RAINFALL.

8 - JAN 1912

Kept at 29 Whalley Road,
Whalley Range MANCHESTER.

in the County of Lancaster.

by J. Herbert Cooke.

RAIN GAUGE
Pattern Snowdon.
Diameter of top 5 in.
Height of top above Ground one ft. in.
" " " Sea Level 99.7 ft.

Time of Observation 7 a.m.

Nearest Railway Station
Name Manchester Central
Distance 2¼ Direction N.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
nil.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	–		–	·02	–	·03	–	–	–	·13	–	1
2	–	–	·31	–	·14	–	–	·02	–	·05	·09	·10	2
3	·03	–	·05	–	·30	–	–	·01	–	–	·18	·02	3
4	·01	–	·05	·01	·04	–	·04	·01	·18	·02	·38	·04	4
5	·03	–	·11	·01	–	–	–	·31	–	·06	–	·01	5
6	·51	–	·05	·02	–	–	–	·48	–	·08	·26	·20	6
7	·02	–	·01	–	–	–	–	·01	–	–	·16	–	7
8	·16	–	7 nil ·20	–	–	–	–	–	–	–	·01	·47	8
9	·01	·06	·01	–	–	–	–	–	–	–	–	·16	9
10	·08	·01	·01	–	–	–	–	–	–	–	–	·34	10
11	·15	–	–	–	–	–	–	–	·02	–	·26	·14	11
12	·01	–	·23	–	–	–	–	–	1·45	–	·40	·03	12
13	–	–	·01	–	·05	–	–	–	–	–	·14	·20	13
14	·06	·30	·01	–	·40	–	–	–	–	–	·11	·45	14
15	–	·18	·01	–	–	–	–	–	–	–	·04	·20	15
16	–	·29	·05	·03	–	–	–	–	–	–	·05	·14	16
17	–	–	·01	–	·03	·04	–	–	–	–	·25	·04	17
18	–	20	–	–	–	·33	–	·03	–	·01	·05	·15	18
19	–	–	–	·04	–	·22	·01	–	·23	·30	·01	·08	19
20	–	·16	–	·17	–	·13	·25	·69	·10	·04	–	·26	20
21	–	·40	·04	·04	–	·05	–	·09	–	·07	–	·10	21
22	·04	·02	–	·05	–	–	·11	–	–	·47	·01	·10	22
23	–	·21	·06	–	·02	26?	–	–	·16	·06	–	·28	23
24	–	·09	–	·20	–	1·00?	·34	·07	–	·20	–	·05	24
25	·02	·21	–	·19	–	·02	–	–	·45	·05	–	·18	25
26	–	·01	–	·21	·04	·03	–	·04	–	·39	·05	·44	26
27	–	·16	–	·54	–	·01	–	·68	·53	–	·02	·11	27
28	–	·13	–	·19	–	·14	–	·26	·09	–	–	·35	28
29	–		–	25	–	·07	·05	·05	·37	·42	–	17	29
30	–		–	·11	11	·24	–	–	–	·25	–	–	30
31	–		·05		–		–	–		·21		·03	31
Total	1·13	~~2·30~~ 2·43	1·27	2·06	1·15	~~3·54~~	·83	2·75	3·58	2·68	2·60	4·84	TOTAL for year 28·86
No. of Rain Days	13	15	18	15	10	13	7	14	10	16	19	28	178

9,000, IX. '10.

2·54

27·86

Ex Ms

REGISTER OF RAINFALL IN 1912.

FORM A2. BRITISH RAINFALL.

4 - FEB 1913

Kept at 29 Whalley Road , Whalley Range
MANCHESTER.

S 3

in the County of Lancaster.

by J. Herbert Cooke.

RAIN GAUGE
Pattern Snowdon
Diameter of top 5 in.
Height of top above Ground One ft. in.
" " " Sea Level 99.7 ft.

Time of Observation 7 a.m.

Nearest Railway Station
Name Manchester Central
Distance 2¼ Direction N

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr, H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following. ·03

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			·14			·16	·23	·05	·30			·62	1
2			·05	·07	·05	·10	·21		·06			·07	2
3	22			·01	·02	·14	·01	·47	·24			·07	3
4	29		·30	·10	06	·38		·26	·10		·55		4
5	12			·01	·27	·24		·04	·08		·05	·02	5
6	39	16			·16	·06		·12	·01				6
7		·06	·03	·03	·07			·05	·33				7
8	27	17	·09	·04	·01		·13	·09	·21		·09		8
9	14	·02	·21	·30		·03		·01			·05	·07	9
10	·03	03					·04	·06			·31	·01	10
11	18		14			·93	·01	·03				·63	11
12	11		·07				·02					·07	12
13	·01					·05		·09	·03	·22	·01	16	13
14	·09		1·05					·34				·29	14
15	08	15	·27	·05	·50	·11		·04				05	15
16	38	·03	·14		·07	·14		·05		·23	·02	08	16
17	·05	·08	·19		·10	·01		·45			·08	28	17
18	15		·10			·60		·13		·22		11	18
19	·06	.08	·13			·10	·07	30		·05	·07	·05	19
20	12		·09		·14	·06		·24		·23		·04	20
21			·13		·33	·04	·12	·11		·49	·01	·05	21
22		17			·28		·36	·40				·16	22
23			·20			·10	·30	1·02			·26	·02	23
24	·03	·01	·07		·04		·04	·15			·01	·13	24
25	·01	·02	·06			·06	·10	·01			·24	·10	25
26		·06	·13			·25	·09	·29		·90	·12	·20	26
27		·02	·29			·02	·50			·65	·05	·05	27
28		·02	·04			·46	·22	30		·35	·31		28
29		·01	·07			·02	·33	·04	·16	·22		·04	29
30	·04		·19		·57	·05	·13			·09		·01	30
31			·05		·12	·02	·92	·27					31
Total	2·77	1·09	4·23	·61	2·79	4·13	3·83	5·41	1·52	3·65	2·23	3·38	TOTAL for year 35·64
No. of Rain Days.	20	16	25	8	16	24	19	27	10	12	16	25	

W. 8,000, X. '11.

217

FORM A.
BRITISH RAINFALL.

-8 JUN 1914

REGISTER OF RAINFALL IN 1913

Kept at 29 Whalley Road Whalley Range Manchester
in the County of Lancaster S·3
by J H Cooke

Lat. .... Long. ....
Time of Observation 7 am
Nearest Railway Station Central Station
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. .... in.
" " " " Sea Level 99·7 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. nil

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·03	07	·13	·11	-	.	-	-	-	-	·11	03	1
2	.	06	·13	·02	-	·09	-	-	-	-	·01	02	2
3	.	01	·15	-	·48	-	-	-	-	-	-	-	3
4	·70	·22	·03	.	·13	-	·11	-	-	-	-	40	4
5	·13	·08	·08	-	04	·32	·14	-	-	·03	·03	35	5
6	·15	·11	13	-	50	07	·69	-	-	-	·10	-	6
7	-	·11	·03	-	22	25	84	-	-	50	·09	04	7
8	-	07	·03	.	01	05	-	47	-	06	-	16	8
9	-	·27	·15	03	05	33	10	.	-	.	·11	01	9
10	-	·06	·09	18	26	01	-	-	06	10	·06	-	10
11	·22	·01	-	36	01	20	-	-	-	.	·08	04	11
12	·12	-	-	.	05	-		-	05	-	·35	-	12
13	.	-	51	03	- ~~20~~	.	·07	13	10	10	24	-	13
14	·12	-	12	10	- ~~04~~	-	-	07	.	·33	30	10	14
15	·01	-	13	55	- ~~02~~	-	-	05	07	-	·21	08	15
16	.	-	03	11	-	.	-	-	-	-	08	-	16
17	.	-	-	18	07	-	05	.	25	-	18	-	17
18	·02	-	17	15	07	03	11	.	-	-	05	-	18
19	·02	-	03	02	03	07	-	.	20	12	16	-	19
20	·08	-	06	05	02	-	04	.	01	10	36	-	20
21	·07	-	11	.	15	-	11	05	.	-	-	-	21
22	·40	-	62	-	01	-	-	88	30	-	10	-	22
23	·18	-	01	-	18	15	-	25	13	-	04	-	23
24	·25	-	.	08	01	20	-	16	-	-	07	06	24
25	.	-	.	06	-	.	-	-	37	-	-	08	25
26	.	·09	·03	46	-	-	-	-	05	03	-	50	26
27	·08	-	-	26	-	.	-	-	-	10	-	14	27
28	·29 29	-	14	35	02	-	-	-	.	10	04	-	28
29	·01	-	12	71	09	-	-	10	-	-	02	-	29
30	·37	-	.	-	-	-	-	.	.	23	06	-	30
31	·03	-	13		08		-	-		-		-	31
Total	3·28	1·16	3·16	3·81	2·48	1·77	1·46	2·16	1·59	1·80	2·85	2·01	YEAR'S TOTAL 27·53
Rain Days.	20	12	24	19	21	12	10	9	11	12	23	14	187

W.7,000, XI. 13

Exc DL

REGISTER OF RAINFALL IN 1914.

FORM A.
BRITISH RAINFALL.
30 APR 1915

Kept at 29 Whalley Road,
Whalley Range, MANCHESTER.
in the County of Lancaster. S.3
by J. Herbert Cooke.

Lat. 53.29N. Long. 2.14 W.
Time of Observation 7 a.m.
Nearest Railway Station Manchester Cent.
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground One ft. in.
" " " " Sea Level 99.7 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·06

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	-	-	·10	-	-	-	81	60	-	-	-	19	1
2	·12	-	-	-	-	-	30	65	-	-	·08	16	2
3	-	-	10	-	30	-	05	08	-	·04	-	40	3
4	-	-	16	18	31	-	-	-	-	-	·25	16	4
5	·22	-	35	·18	09	-	10	-	-	-	07	06	5
6	-	-	06	·10	21	-	07	-	-	-	06	-	6
7	·25	-	24	·04	15	05	08	15	-	-	-	12	7
8	·31	-	-	-	13	12	-	21	·08	-	-	01	8
9	·47	·06	-	05	09	41	-	29	·02	-	06	-	9
10	-	·05	09	21	06	04	-	-	-	-	08	-	10
11	-	·09	31	16	03	50	05	-	37	-	30	12	11
12	-	·20	20	-	09	01	03	-	59	-	40	-	12
13	-	·05	07	02	01	-	03	-	06	-	27	31	13
14	·02	·09	20	-	-	-	-	-	02	·02	21	13	14
15	-	·04	25	-	-	-	-	05	-	-	15	-	15
16	·05	·05	09	-	-	-	1·06	-	63	-	-	-	16
17	-	·49	15	-	-	-	40	-	20	-	-	65	17
18	-	-	10	-	-	16	-	-	21	-	-	13	18
19	-	-	·08	-	-	-	31	-	07	-	-	26	19
20	-	·06	04	-	-	-	-	-	-	·02	-	-	20
21	-	·20	04	-	-	12	-	-	-	04	-	-	21
22	-	·15	-	-	20	50	-	13	-	04	-	-	22
23	-	·01	05	17	13	34	46	-	-	-	-	-	23
24	·10	-	46	05	-	-	30	52	-	-	20	-	24
25	-	-	-	- -	-	-	11	·12	-	75	09	-	25
26	-	-	03	-	-	-	-	06	-	16	26	43	26
27	·06	-	-	-	-	-	02	-	-	26	21	1·10	27
28	-	·11	08	-	-	03	01	02	-	-	14	06	28
29	·16	-	06	-	05	-	-	-	-	07	09	07	29
30	-		09	-	06	-		03	-	-	07	15	30
31	·24		10		-		50	-		·12		-	31
Total	2·00	1·65	3·50	1·16	1·90	2·28	4·69	2·91	2·25	1·52	2·99	4·51	YEAR'S TOTAL 31·36
Rain Days.	11	14	25	10	15	11	18	13	10	10	18	18	173

W.7,000, XI. 13

2 5 IV 13

the Observer

FORM A.
BRITISH RAINFALL.

26 MAR 1913

RE

WHITEHOLME

LANCASHIRE

1911

Kept at Whiteho

in the County of La

by Victor H G

ughton 1 Mile

5 in.

e Ground ....ft. ....in.

Sea Level 315 T ft.

IMPORTANT N the result entered to the previous day. If an versal rule, he is earnestly requested to add the ar in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1				.06			1·02	.03	–	.03	.03	.10	1
2								–	–	–	.50	–	2
3								–	–	–	.45	.15	3
4		.01						.03	.07	–	.20	.09	4
5								.80	–	–	.20	.03	5
6					(·70) ~~3·70~~		–	.43	–	–	-05	.25	6
7							.05	–	–	–	.03	.15	7
8				.06		~~·17~~	–	–	–	–	–	.10	8
9							–	–	–	–		.25	9
10			(1·38) ~~1·68~~				–	–	–	–	.25	–	10
11		.08					–	–	.60	–	.35	–	11
12							–	–	1.20		.03	.45	12
13							–	–	–	–	–	.20	13
14	.48				.34		–	–	–	–	.20	.15	14
15							–	–	–	–	.05	.03	15
16							–	–	–	–	.10	.05	16
17						1.20	–	.02	–	–	–	.05	17
18		1.60					–	–	–	–	.08	.10	18
19							.08	–	.60	.08	–	.25	19
20					21		.08	.19	.21	08	–	.12	20
21	.05						–	–	–	35	–	.03	21
22							–	–	.15	.03	–	.15	22
23							–	.03	–	.30	–	.05	23
24						.88	06	.10	.40	.27	–	.23	24
25		1.51	.12				–	–	–	.20	.15	25	25
26							–	–	.72	–	–	.05	26
27							–	–	.10	–	–	.25	27
28	21				.22		–	–	.27	.40	–	.10	28
29							–	–	–	.30	–	–	29
30							.29	–	–	.04	–	03	30
31		(·30)	·06	(3·00)	(·17)	1·02 ~~1·02~~	–	–	–	.50	–	–	31
Total	·74	~~3·20~~	~~1·80~~	.12	4 47	~~3 27~~	~~·56~~	~~1·63~~	4·32	2.58	2·67	3·66	YEAR'S TOTAL 29.02
Rain Days.		✓3·50	1·56	3·06	1·64	3·10	·59	1·68 8	10	12			

W. 7,500, XI. 12

require correction for date of reading

? Nov 1·03 or 30

[illegible] 25.III.13 JC

RE [redacted] rver

FORM A.
BRITISH RAINFALL.

26 MAR 1913

Kept at Whitehome. Nr Preston

in the County of Lancashire

by Victor H Gatty

Time of Observation

Nearest Railway Station Houghton 1 mile

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level 315 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ☐

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1				.06			1.07	.03	–	.03	.03	.10	1
2								–	–	–	.50	–	2
3							–	–	–	–	.45	.15	3
4		.01						.03	.07	–	.20	.09	4
5					(.70)			.80	–	–	.20	.03	5
6					~~3.70~~			.43	–	–	.05	.25	6
7							.05	–	–	–	.03	.15	7
8				.06		~~.17~~	–	–	–	–	–	.10	8
9			(1.38)				–	–	–	–	–	.25	9
10			~~1.68~~				–		–	–	.25	–	10
11		.08					–	–	.60	–	.35	–	11
12							–	–	1.20	–	.03	.45	12
13							–	–	–	–	–	.20	13
14	.48				.34		–	–	–	–	.20	.15	14
15							–	–	–	–	.05	.03	15
16							–	–	–	–	.10	.05	16
17						1.20	–	.02	–	–	–	.05	17
18		1.60					–	–	–	–	.08	.10	18
19							.08	–	.60	.08	–	.25	19
20					21		.08	.19	.21	08	–	.12	20
21	.05						–	–		35	–	.03	21
22							–	–	.15	.03		.15	22
23							–	.03	–	.30		.05	23
24						.88	06	.10	.40	.27	–	.23	24
25		1.51	.12				–	–	–	.20	.15	25	25
26							–	–	.72	–	–	.05	26
27							–		.10	–	–	.25	27
28	21				.22		–	–	.27	.40	–	.10	28
29							–	–	–	.30	–	–	29
30							.29	–	–	.04	–	03	30
31		(.30)	.06	(3.00)	(.17)	1.02 ~~1.02~~	–	–	–	.50	–	–	31
Total	.74	~~3.20~~	~~1.80~~	.13	4.47	~~3.27~~	~~.56~~	~~1.63~~	4.32	2.58	2.67	3.66	YEAR'S TOTAL 29.02
Rain Days.		✓3.50	1.56	3.06	1.64	3.10	.59	1.60 8	10	12			

W. 7,500, XI. 12

require correction for date of reading

? Nov 1 .03 or 30

2993. WIGAN.

BISPHAM ⟶ BILLINGE.

LANCASHIRE

1918 — ~~30~~

782811

REG

FORM A.
BRITISH RAINFALL

24 6. 9

Kept at Billinge … am … rell

in the County of L…

by Wigan Corpor…

Gauge 12 in.

Ground 3 ft 9 in.

Sea Level 375 ft.

IMPORTANT NO… the result entered to the previous day. If an C… ersal rule, he is earnestly requested to add the re… in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1. following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		.14		.05					.50	.20	·30	.24	1
2		.04						.04	.15	.02	·12	.80	2
3		.02			.31			·02		.38	.03	.01	3
4		.03			.21			.03	·33	.22	.12	.06	4
5				.06	.25			.52	.11	·42	.06	.03	5
6	.08	.62		.26		.10			.05	.07			6
7		.07		.06	.02	.05		.08	.06	.44	.12		7
8	.04	.02	.04				.24		1.08	.12	.06		8
9	.22	.40		.03		.65	.03		.73	.63	.02	·07	9
10	.14	.20		.05			·07		.21	.09	.26	.05	10
11	.18	.21		.01	.04				.56			.17	11
12	.03	.28		.04			.35		.12			.04	12
13		.03			.17				.19	.29			13
14	.38					·10	.23		.53	.18		.24	14
15	.07				.03	.05	.58		1.35	.08		.51	15
16	.15					.12	.43	.05	.35			.21	16
17	.08				.12	·01	.58	.09	.10	·02		.23	17
18	.38		.04			.25	.25		.30			.37	18
19	.15	.04	.33	.05			.24	.05	.11	.10		.65	19
20	.08	.58		.15	.04	.12	.30		.36			.17	20
21	.22	.19			.10	.09	.03		.60	.02		.10	21
22	.07	.03			1.02	.18	.26		.18			.61	22
23	.17				.53		.28		.31		.03	.07	23
24	.02	.07					.05	.21	.14	.03	.11	.12	24
25					.04		.07	.74		.04			25
26							.10	.09	·60	.02	.17	.04	26
27		.07	.23			.15		.47	.45	.03	.15	.64	27
28		.03	.40					.02	.26		.42	1.29	28
29									.10			.18	29
30			.40					.18	.05		.15	.28	30
31			.25					.40					31
Total	2.46	3.07	1.69	0.76	2.88	1.87	4.09	2.99	9.88	3.40	2.02	7.18	YEAR'S TOTAL 42.29
Rain Days.	17	19	7	10	13	12	17	15	29	20	15	25	198

W, 6,500, VII. 18. W W C

1C

FORM A.
BRITISH RAINFALL.

24 6. 29

REC

Kept at Billinge

in the County of

by Wigan Corporation Waterworks

Diameter of Funnel of Rain Gauge 12 in.
Height of top of Gauge above Ground 3 ft 9 in.
" " " " Sea Level 375 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1. following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		.14		.05					.50	.20	.30	.24	1
2		.04						.04	.15	.02	.12	.80	2
3		.07			.31			.02		.38	.03	.01	3
4		.03			.21			.03	.33	.22	.12	.06	4
5				.06	.25			.52	.11	.42	.06	.03	5
6	.08	.62		.26		.10			.05	.07			6
7		.07		.06	.02	.05		.08	.06	.44	.12		7
8	.04	.02	.04				.24		1.08	.12	.06		8
9	.22	.40		.03		.65	.03		.73	.63	.02	.07	9
10	.14	.20		.05			.07		.21	.09	.26	.05	10
11	.18	.21		.01	.04				.56			.17	11
12	.03	.28		.04			.35		.12			.04	12
13		.03			.17				.19	.29			13
14	.38					.10	.23		.53	.18		.24	14
15	.07				.03	.05	.58		1.35	.08		.51	15
16	.15					.12	.43	.05	.35			.21	16
17	.08				.12	.01	.58	.09	.10	.02		.23	17
18	.38		.04			.25	.25		.30			.37	18
19	.15	.04	.33	.05			.24	.05	.11	.10		.65	19
20	.08	.58		.15	.04	.12	.30		.36			.17	20
21	.22	.19			.10	.09	.03		.60	.02		.10	21
22	.07	.03			1.02	.18	.26		.18			.61	22
23	17				.53		.28		.31		.03	.07	23
24	.02	.07					.05	.21	.14	.03	.11	.12	24
25					.04		.07	.74		.04			25
26							.10	.09	60	.02	17	.04	26
27		.07	.23			.15		.47	.45	.03	.15	.64	27
28		.03	.40					.02	.26		.42	1.29	28
29									.10			.18	29
30			.40					.18	.05		.15	.28	30
31			.25					.40					31
Total	2.46	3.07	1.69	0.76	2.88	1.87	4.09	2.99	9.88	3.40	2.02	7.18	YEAR'S TOTAL 42.29
Rain Days.	17	14	7	10	13	12	17	15	19	20	15	25	148

W, 6,500. VII. 18. W W C

2769

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at [illegible] Billinge

in the County of Lancashire

by Corporation of Wigan

Lat. Long.

Time of Observation 6 am

Nearest Railway Station Orrell

Diameter of Funnel of Rain Gauge 12 in.

Height of top of Gauge above Ground 3 ft. 6 in.

" " " " Sea Level 374 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0·22		0·05		0·41		0·30	0·02	0·41	0·38		0·10	1
2	0·20		0·55		0·04		0·28	0·04	0·39	0·02		0·09	2
3	0·05				0·04	0·19	0·15					0·06	3
4	0·15		0·13			0·07	0·53	0·27				0·14	4
5	0·05		0·05	0·03	0·11						0·04	0·35	5
6			0·28		0·27				0·06			0·23	6
7	0·04		0·44	0·05							0·02		7
8	0·06		0·06	0·09		0·05							8
9	0·26		0·04	0·01									9
10			0·31	0·17						0·05		0·10	10
11			0·50	0·08	0·02		0·31			0·02		0·05	11
12	0·06		0·55	0·03		0·23	0·02			0·07	0·04		12
13	0·31			0·04		0·12	0·11	0·01		0·43		0·06	13
14	0·36			0·13						0·10		0·02	14
15	0·20			0·30			0·02			0·11		0·47	15
16	0·14	0·10				0·03					0·03	0·03	16
17	0·02			0·10		0·12		0·28			0·97	0·03	17
18			0·25				0·10	0·40	0·15		0·03	0·15	18
19	0·06	0·35	0·88			0·25		0·50	0·23		0·25	0·44	19
20	0·44	0·11	0·49			0·05	0·04	0·10	0·12		0·30	0·44	20
21	0·05	0·30				0·21	0·30		0·05		0·05	0·63	21
22		0·10				0·07		0·02	0·48		0·02	1·11	22
23						0·04		0·05	0·03	0·80		0·24	23
24				0·02	0·10			0·01	0·21	0·14	0·22	0·25	24
25	0·12			0·01	0·40	0·02		0·70			0·25	0·10	25
26	0·05		0·45	0·25		0·08		0·54	0·17		0·02	0·30	26
27	0·06		0·03	0·20		0·07		0·03	0·09			0·09	27
28								1·12				0·41	28
29	0·04	X	0·10	0·03		0·04		0·04		0·05		0·20	29
30		X	0·15	0·29		0·18		0·12		0·02		0·20	30
31		X	0·10	X		X	0·24		X		X	0·10	31
TOTAL	2·94	0·96	5·41	1·83	1·39	1·82	2·40	4·25	2·39	2·19	2·24	6·39	YEAR'S TOTAL 34·21
Days with ·01 in. or more	21	5	19	17	8	17	12	17	12	12	13	27	180

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

8 JAN 1921

Kept at Bispham Billinge
in the County of Lancashire
by Wigan Corporation Water dept

Lat. — Long. —
Time of Observation 6 am
Nearest Railway Station Orrell
Diameter of Funnel of Rain Gauge 12" in.
Height of top of Gauge above Ground 3 ft. 6 in.
" " " " Sea Level 374 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·	·	0.08	0.15	0.42	·	0.35	0.29	0.10	0.07	0.06	0.13	1
2	·	·	·	0.10	·	·	0.51	·	0.33	0.03	·	0.21	2
3	·	0.10	0.01	0.10	0.02	0.02	0.31	0.22	0.20	0.15	·	0.12	3
4	·	·	·	0.03	0.03	·	0.09	0.95	0.10	0.12	·	·	4
5	·	·	0.10	·	0.56	·	0.04	0.49	0.37	0.20	·	·	5
6	·	·	0.62	0.21	0.33	·	·	·	0.02	0.07	·	·	6
7	0.08	0.08	0.14	0.08	·	·	0.33	·	·	·	·	·	7
8	0.15	0.04	·	0.35	0.09	·	0.55	0.08	·	·	·	·	8
9	0.30	0.48	0.03	0.40	·	·	0.24	0.07	0.05	·	·	·	9
10	0.60	0.58	0.09	0.03	·	·	0.58	·	·	·	·	0.05	10
11	0.46	0.15	·	·	0.33	0.87	0.02	·	·	·	0.01	·	11
12	0.20	·	0.15	0.55	0.13	0.40	0.09	0.02	0.01	·	0.24	0.03	12
13	0.11	0.15	0.10	0.06	·	0.20	·	·	0.03	·	0.08	0.04	13
14	~~0.04~~	0.19	0.12	0.24	·	0.52	0.02	·	0.68	0.33	0.55	·	14
15	0.04	0.18	0.09	0.20	·	·	0.07	·	·	·	0.05	·	15
16	·	·	0.07	0.10	0.19	0.40	0.75	·	0.20	·	0.04	·	16
17	0.15	·	0.04	·	0.16	·	0.04	0.23	0.48	·	·	·	17
18	0.11	·	·	·	0.29	·	·	0.05	0.20	·	·	·	18
19	0.24	0.86	·	0.10	0.35	0.20	·	0.19	0.10	·	·	·	19
20	0.02	·	·	0.42	·	·	0.06	·	0.42	·	·	0.02	20
21	0.15	·	·	0.09	·	·	0.46	·	0.06	0.01	·	0.20	21
22	·	·	·	0.37	·	·	0.30	0.05	·	·	·	0.10	22
23	0.05	·	0.05	0.04	·	·	0.56	0.12	·	·	·	0.48	23
24	·	·	0.80	0.16	·	·	0.06	0.02	·	·	·	0.32	24
25		0.16	0.06	0.15	·	0.01	1.01	·	·	·	·	·	25
26	0.15	0.03	0.47	0.22	0.29	·	0.35	·	·	·	0.04	0.02	26
27	0.10	0.06	0.12	0.53	0.45	0.42	0.03	·	·	·	0.10	~~0.~~	27
28	0.25	·	0.21	0.60	0.02	·	0.11	·	·	·	·	0.25	28
29	0.30	·	0.15	0.03	2.25	0.02	0.38	·	·	·	0.32	0.62 ~~[illegible]~~	29
30	0.16	×	0.07	0.20	·	0.11	·	·	0.71	·	0.07	0.25	30
31	0.30	×	0.15	×	0.16	×	0.02	·	×	0.25	×	·	31
TOTAL	3.92	3.06	3.72	5.51	6.07	3.17	3 7.~~2~~3	2.78	4.06	1.23	1.53	2.84	YEAR'S TOTAL 45.22
Days with ·01 in. or more	~~20~~	~~13~~	~~22~~	~~26~~	~~17~~	~~11~~	~~26~~	~~13~~	~~17~~	~~9~~	~~11~~	~~15~~	~~200~~
Days with ·04 in. or more	~~19~~	~~12~~	~~20~~	~~23~~	~~14~~	~~8~~	~~22~~	~~11~~	~~14~~	~~7~~	~~10~~	~~12~~	~~172~~

FORM A2.
BRITISH RAINFALL.
16 JAN 1912

WIGAN

WORTHINGTON. W.W

LANCASHIRE

1911 - 1920

REG

Kept at Wiga

in the County of Lan

by William

8 in.
Ground 1 ft. 6 in.
Sea Level 225 ft.
9 a.m
Name Standish
Distance 500 yds Direction W.

IMPORTANT NOTE the result entered to the previous day. If an Obs ersal rule, he is earnestly requested to add the read ear in the space provided for it at the end of this nent of rain, the selection and placing itish Rainfall Organization are given in application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0·01		0·14		0·10		0·06	0·01			0·38	0·01	1
2	0·01		0·06		0·14			0·01		0·03	0·06	0·06	2
3	0·01		0·01		0·37						0·44	0·06	3
4			0·05		0·01		0·02	0·45	0·11		0·38	0·14	4
5	0·19		0·10		0·01			0·87		0·01	0·10	0·05	5
6	0·29		0·04	0·02				0·49		0·04	0·25	0·15	6
7	0·02			0·01						0·02	0·13	0·04	7
8	0·14		0·22								0·06	1·12	8
9	0·01										0·01	0·08	9
10	0·19	0·05	0·07									0·41	10
11	0·08								0·02		0·45	0·07	11
12	0·01		0·24		0·02				1·18		0·24		12
13					0·19						0·13	0·42	13
14	0·04	0·41									0·04	0·37	14
15	0·01	0·23	0·03	0·03							0·16	0·21	15
16		0·31	0·07			0·11	0·02				0·22	0·10	16
17		0·01	0·01		1·15	1·03					0·09	0·11	17
18		0·15		0·06		0·05		0·05			0·02	0·09	18
19		0·11		0·08		0·14	0·04		0·35	0·17	0·18	0·24	19
20		0·17		0·35		0·02	0·05	0·36	0·15	0·02		0·54	20
21		0·47	0·01					0·01		0·09		0·30	21
22	0·04	0·04				0·03				0·43		0·07	22
23	0·01	0·23			0·12	0·10			0·26	0·02		0·31	23
24	0·06	0·11		0·15		1.12		0·07		0·26		0·11	24
25	0·01	0·09		0·39		0·16			0·61	0·26		0·27	25
26		0·02		0·30		0·10	0·06	0·09		0·28		0·47	26
27		0·30		0·55				0·57	0·90		0·05	0·17	27
28		0·20		0·26		0·10	0·02		0·08			0·32	28
29				0·79		0·17	0·01		0·23	0·48		0·14	29
30				0·11		0·32	0·01			0·30	0·01		30
31			0·09		0·20					0·05		0·05	31
Total	1·13	2.90	1.14	3.10	2.31	3.45	0.29	2 98	3.89	2·46	3.40	6·48	TOTAL for year 33.53 ✓
No. of Rain Days.	17	16	14	13	10	13	9	11	10	15	20	29	177 ✓

W. 8,000, IX. '11.

FORM A2.
BRITISH RAINFALL.
16 JAN 1912

REC

Kept at Wigan W.W

in the County of Lancaster C 2

by William J Bolton

Rain Gauge
Pattern
Diameter of top 8 in.
Height of top above Ground 1 ft. 6 in.
" " " Sea Level 225 ft.

Time of Observation 8. 0 a.m

Nearest Railway Station
Name Standish
Distance 500 yds Direction W.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0·01		0·14		0·10		0·06	0·01			0·39	0·01	1
2	0·01		0·06		0·14			0·01		0·03	0·06	0·06	2
3	0·01		0·01		0·37						0·44	0·06	3
4			0·05		0·01		0·02	0·45	0·11		0·38	0·14	4
5	0·19		0·10		0·01			0·87		0·01	0·10	0·05	5
6	0·29		0·04	0·02				0·49		0·04	0·25	0·15	6
7	0·02			0·01						0·02	0·13	0·04	7
8	0·14		0·22								0·06	1·12	8
9	0·01										0·01	0·08	9
10	0·19	0·05	0·07									0·41	10
11	0·08								0·02		0·45	0·07	11
12	0·01		0·24		0·02				1·18		0·24		12
13					0·19						0·13	0·42	13
14	0·04	0·41									0·04	0·37	14
15	0·01	0·23	0·03	0·03							0·16	0·21	15
16		0·31	0·07			0·11	0·02				0·22	0·10	16
17		0·01	0·01		1·15	1·03					0·09	0·11	17
18		0·15		0·06		0·05		0·05			0·02	0·09	18
19		0·11		0·08		0·14	0·04		0·35	0·17	0·18	0·24	19
20		0·17		0·35		0·02	0·05	0·36	0·15	0·02		0·54	20
21		0·47	0·01					0·01		0·09		0·30	21
22	0·04	0·04				0·03				0·43		0·07	22
23	0·01	0·23			0·12	0·10			0·26	0·02		0·31	23
24	0·06	0·11		0·15		1·12		0·07		0·26		0·11	24
25	0·01	0·09		0·39		0·16			0·61	0·26		0·27	25
26		0·02		0·30		0·10	0·06	0·09		0·28		0·47	26
27		0·30		0·55				0·57	0·90		0·05	0·17	27
28		0·20		0·26		0·10	0·02		0·08			0·32	28
29				0·79		0·17	0·01		0·23	0·48		0·14	29
30				0·11		0·32	0·01			0·30	0·01		30
31			0·09		0·29					0·05		0·05	31
Total	1·13	2·90	1·14	3·10	2·31	3·45	0·29	2 98	3·89	2·46	3·40	6·48	TOTAL for year 33·53
No. of Rain Days.	17	16	14	13	10	13	9	11	10	15	20	29	177

W. 8,000, X. '11.

Sec. D II

REGISTER OF RAINFALL IN 1912

FORM A.
BRITISH RAINFALL.

4 - JAN 1913

Kept at Wigan Waterworks

in the County of Lancaster C2

by William Bolton

Lat. Long.

Time of Observation 8. 0. am.

Nearest Railway Station Standish

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 225 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0·01		0·08			0·07	0·07	0·18	0·42			0·66	1
2		0·06	0·16	0·16	0·02	0·15	0·16	0·01	0·05			0·10	2
3	0·26		0·03			0·11		0·24	0·42			0·12	3
4	0·41		0·64	0·06	0·02	0·49		0·94	0·19		0·58	0·01	4
5	0·11	0·01	0·01		0·21	0·15		0·06	0·28		0·04	0·01	5
6	0·62	0·20			0·05	0·02		0·18	0·01				6
7		0·05			0·15		0·02	0·17	0·25			0·03	7
8	0·39	0·33	0·09	0·01	0·01	0·06	0·03	0·03	0·22		0·02	[illegible]	8
9	0·15	0·06	0·69	0·34		0·09		0·01			0·07	0·08	9
10	0·10	0·01				0·31	0·09	0·04			0·43	0·02	10
11	0·11	0·01			0·01		0·17	0·05			0·01	0·49	11
12	0·07	0·03	0·42			0·07	0·01					0·17	12
13	0·01		0·03					0·18	0·01	0·36		0·13	13
14	0·26		0·68			0·18		0·27	0·02	0·04		0·15	14
15	0·13	0·21	0·11		0·42	0·16		0·06				0·04	15
16	0·83	0·01	0·20		0·14	0·04		0·12		0·19	0·05	0·08	16
17	0·12	0·24	0·13		0·02	0·86		0·69		0·01	0·23	0·27	17
18	0·05	0·01	0·07			0·17		0·24		0·36	0·11	0·11	18
19		0·01	0·52				0·01	0·16		0·17	0·04		19
20	0·04		0·14		0·29	0·01	0·07	0·54		0·32	0·02	0·04	20
21			0·44		0·11		0·05	0·06		0·65	0·02	0·08	21
22		0·36	0·02		0·38		0·22	0·66				0·07	22
23			0·21			0·03	0·11	1·17			0·27	0·03	23
24		0·01	0·08			0·06	0·28	0·04		0·12	0·03	0·17	24
25			0·07			0·41		0·05			0·51	0·08	25
26		0·11	0·19			0·02	0·62	0·14		1·71	0·09	0·24	26
27			0·44			0·42	0·54			0·42	0·08	0·10	27
28		0·07	0·03			0·14	0·38	0·47	0·01	0·22	0·24		28
29		0·02	0·02			0·07	0·39	0·03	0·45	0·07		0·03	29
30	0·01		0·24		0·21	0·02	0·03		0·05	0·06	·07		30
31			0·12		0·15		1·11	0·30				0·02	31
Total	3·68	1·81	5·85	0·57	2·19	4·05	4·36	7·09	2·38	4·40	2·85	3·27	YEAR'S TOTAL 42·80
Rain Days.	18	19	27	4	15	24	19	28	13	14	19	26	226

W. 7,500, XI. 12

Ex. M.

FORM A.
BRITISH RAINFALL.

6 MAY 1914

REGISTER OF RAINFALL IN 1913.

Kept at Worthington

in the County of Lancaster

by T. L. Hughes, Water Engineer.

Lat. 53° 35′ N Long. 2° 38′ W

Time of Observation 9 am.

Nearest Railway Station Standish

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 225 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0.02	0.10	0.09	0.08							0.06	0.03	1
2	0.01	0.12	0.14	0.03		0.12					0.06	0.06	2
3	0.01	0.03	0.27		0.75					0.16	0.02	0.38	3
4	0.38	0.18	0.02				0.03				0.01	0.41	4
5	0.27	0.05			0.03	0.17	0.25				0.03	0.05	5
6	0.05	0.13	0.21		0.66	0.18	0.81			0.06	0.10	0.04	6
7		0.12	0.03		0.21	0.27	0.07			0.32	0.07	0.05	7
8		0.19	0.02		0.02	0.10		0.30	0.03	0.06	0.11		8
9		0.20	0.24	0.12	0.13	0.69	0.09	0.27			0.13	0.38	9
10		0.01	0.15	0.20	0.05		0.06	0.01	0.08	0.05	0.16		10
11	0.57			0.44		0.12				0.08	0.15	0.04	11
12	0.14				0.01				0.21		0.28	0.01	12
13			0.57	0.02			0.09	0.08	0.16	0.03	0.35		13
14	0.10		0.18	0.12			0.04	0.03	0.01	0.45	0.25	0.01	14
15	0.07		0.16	0.49			0.01		0.08	0.03	0.12	0.06	15
16			0.03	0.02							0.17		16
17			0.05	0.14	0.09	0.08	0.14		0.05		0.20		17
18	0.03		0.29	0.22	0.02		0.11				0.18		18
19	0.13		0.04	0.02	0.01	0.10	0.03		0.06	0.08	0.08		19
20	0.23		0.05	0.07	0.02		0.01		0.02	0.32	0.62		20
21			0.09	0.01	0.04		0.14	0.19		0.01	0.05		21
22	0.56		0.58		0.04			0.88	0.18				22
23	0.31		0.07		0.38	0.32		0.53	0.29	0.03	0.19	0.08	23
24	0.33	0.07		0.04	0.01	0.22		0.01			0.03	0.03	24
25				0.04					0.51		0.04	0.01	25
26		0.02		1.06		0.02			0.23			0.39	26
27				0.64		0.01				0.31	0.03	0.12	27
28	0.27		0.08	0.36	0.03	0.03				0.05	0.06		28
29			0.30	0.61	0.10			0.11		0.14	0.08		29
30	0.47									0.24	0.26		30
31	0.02		0.17		0.23								31
Total	3.97	1.22	3.83	4.73	2.83	2.43	1.88	2.41	1.91	2.42	3.89	2.25	YEAR'S TOTAL 33.77
Rain Days.	19	12	23	20	19	14	14	10	13	17	28	17	206

W.7,000, XI. 13

Ex DL

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
7 JAN 1915

Kept at the Waterworks, Worthington
in the County of Lancashire C 2
by T. L. Hughes
Water Engineer.

Lat. 53° 35′ 15″ N Long. 2° 37′ 50″ W
Time of Observation 9 a.m.
Nearest Railway Station Standish
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 225 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1			0.24			0.02	0.48	0.24		0.02		0.28	1
2	0.02				0.03		0.73	0.49		0.04	0.27	0.27	2
3	0.02		0.05		0.37		0.05	0.09		0.02	0.01	0.69	3
4	0.24		0.18	0.33	0.17		0.06				0.26	0.28	4
5	0.10		0.39	0.09	0.13	0.04	0.05	0.01			0.11	0.26	5
6			0.07	0.14	0.23	0.02	0.01	0.15			0.17	0.02	6
7	0.06	0.04	0.22	0.03	0.30	0.03	0.06	0.10			0.02	0.15	7
8	0.74		0.04		0.21	0.08	0.17	0.38	0.78	0.01		0.05	8
9	0.34	0.21	0.06	0.20	0.06	0.26		0.16	0.03	0.01	0.09		9
10	0.08	0.07	0.08	0.03	0.07	0.04			0.18		0.04		10
11		0.12	0.44		0.06	0.06	0.02		0.39		0.76	0.28	11
12		0.37	0.07		0.14		0.02		1.02		0.33	0.04	12
13		0.20	0.25	0.03	0.03		0.02		0.13	0.05	0.60	0.16	13
14		0.11	0.08						0.03	0.01	0.37	0.31	14
15		0.03	0.35						0.18		0.30	0.01	15
16			0.06				1.16		0.82				16
17		0.42	0.21				0.29		0.84			0.93	17
18		0.01	0.06						0.57			0.14	18
19		0.02	0.02				0.10		0.12		0.01	0.36	19
20		0.05	0.06			0.02				0.03		0.01	20
21		0.21				0.29	0.01			0.04		0.08	21
22		0.10		0.03	0.01	0.24		0.10		0.05			22
23		0.04	0.12	0.06	0.12	0.03	0.42					0.02	23
24			0.39	0.15			0.44	0.37		0.01	0.24		24
25	0.04						0.23	0.28		0.97	0.08	0.54	25
26	0.01		0.01				0.09	0.02		0.32	0.55	0.33	26
27	0.13		0			0.03				0.79	0.31	0.81	27
28	0.08	0.07	0.19		0.03	0.03			0.02	0.27	0.22	0.13	28
29	0.07		0.18		0.08			0.02		0.02	0.07	0.06	29
30	0.01		0.07					0.14			0.20	0.09	30
31	0.42		0.11		0.02		0.62			0.17			31
Total	2.36	2.17	4.00	1.09	2.06	1.19	5.03	2.55	4.61	2.83	4.81	6.30	YEAR'S TOTAL 39.00
Rain Days.	15	16	26	10	17	14	20	14	13	17	21	25	208

W. 8,000. X. 14.

3148

FORM A.
BRITISH RAINFALL.

5 JAN 1916

REGISTER OF RAINFALL IN 1915

Kept at Worthington, nr. Wigan,

in the County of Lancashire.

by J. L. Hughes.

Lat. 53° 35' 15" N Long. 2° 37' 50 W
Time of Observation 9 a.m.
Nearest Railway Station Standish L.N.W.
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 225 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0.09	0.32	0.02		0.22		0.11	0.08	0.03	0.02		0.04	1
2		0.43	0.43	0.27		0.08	0.31	0.31		0.02			2
3	0.62	0.03	0.09	0.59			0.39	0.02				0.47	3
4	0.01	0.33	0.01		0.19	0.01	0.14					0.53	4
5	0.14	0.30	0.18		0.20	0.10		0.02	0.01			0.83	5
6	0.18	0.12	0.01	0.25			0.53	0.02				0.46	6
7	0.77	0.60		0.05			0.39	0.22			0.01	0.04	7
8	0.16	0.09		0.07			0.01	0.13			0.35		8
9		0.10		0.07			0.03	0.02			0.45	0.67	9
10	0.59		0.18	0.11			0.02	0.44			0.04	0.13	10
11	0.18		0.02		0.41		0.02	0.41			0.17	0.28	11
12	0.32		0.01	0.15	0.06			0.29		0.22	0.82		12
13	0.05	0.03	0.01	0.02							0.08	0.06	13
14	0.05			0.11			0.05	0.23	0.19	0.01		0.11	14
15	0.74						0.06	0.12	0.01		0.31	0.28	15
16		0.37			0.18		0.78	0.86					16
17		0.22	0.04				0.01					0.09	17
18	0.02	0.24	0.04										18
19	0.01	0.13	0.08	0.03	0.14		0.19			0.02			19
20	0.19	0.03	0.03	0.01	0.03		0.04	0.22				0.36	20
21	0.14	0.11		0.09			0.20	0.01				0.31	21
22	0.01	0.01	0.02	0.01		0.13	0.06					0.23	22
23		0.08	0.09			0.05			0.02	0.42		0.14	23
24		0.03	0.20	0.05					0.28	0.32		0.38	24
25						0.79			0.18	0.01		0.24	25
26		0.25				0.27	0.25		0.11			0.43	26
27		0.16				0.02	0.14			0.59		0.38	27
28		0.24				0.61		0.43		0.28		0.01	28
29					0.05	0.03		0.03			0.12	0.24	29
30	0.29	X		0.12		0.03	0.	0.02		0.04	0.01	0.01	30
31	0.16	X		X		X	0.04	0.92	X	0.16	X	0.46	31
Total	4.72	4.22	1.46	2.00	1.48	2.12	3.77	4.80	0.83	2.11	2.36	7.18	YEAR'S TOTAL 37.05
Rain Days.	20	22	17	16	9	11	21	20	8	12	10	25	191

W. 8,000. X. 15.

3075

2995

FORM A. BRITISH RAINFALL.

8 JAN 1917

REGISTER OF RAINFALL IN 1916

Kept at Worthington, Nr. Wigan

in the County of Lancashire

by G. L. Hughes

Lat. 53° 35' 15" N Long. 2° 37' 50 W

Time of Observation 9 a.m.

Nearest Railway Station Standish

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 225 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0.19	0.01	0.09			0.19	0.47				0.07		1
2	0.28	0.19	0.05			0.04	0.02		0.30	0.17	0.04		2
3		0.01	0.02	0.08		0.01	0.23		0.81	0.19	0.16	0.04	3
4	0.05	0.13		0.01	0.39	0.97	0.02		0.06	0.34	0.25		4
5	0.17	0.30			0.10	0.42				0.75	0.26		5
6	0.81	1.53	0.01		0.43	0.20	0.22		0.01	0.18	0.29	0.06	6
7	0.02	0.04	0.01		0.08	0.03	0.61			0.33	0.10	0.43	7
8	0.05	0.04	0.01		0.04	0.91	0.01			0.07	0.31	0.12	8
9	0.09	0.02	0.01		0.28	092			0.06		0.14	0.27	9
10		0.14		0.17	0.01	0.02	0.09			0.04	0.01		10
11	0.04	0.44	0.01	0.93		0.01	0.03		0.13			0.09	11
12	0.09	0.20	0.08	0.08	0.55		0.37	0.05	0.03	0.11			12
13		0.07	0.23	0.05	0.03		0.01	0.34		1.42		0.05	13
14	0.02	0.12	0.01	0.06	0.45			0.27	0.05	0.11		0.04	14
15		0.25	0.39	0.07	0.01		0.03	0.38	0.21	0.07			15
16	0.04	0.14	0.25	0.46			0.12	0.79		0.24			16
17	0.16	0.13		0.39			0.03	0.01	0.72	0.11			17
18		0.28		0.17				0.95	0.30	0.12	0.09	0.11	18
19	0.16		0.07	0.13				0.16	0.01		0.08		19
20	0.15		0.31	0.51							0.09	0.04	20
21	0.06		0.03	0.01	0.10		0.07				0.05		21
22					0.03	0.16				0.26		0.09	22
23	0.03		0.05	0.12				0.08		0.02	0.28	0.32	23
24		0.06		0.02	0.01			0.13		0.05		0.07	24
25	0.01	0.04	0.10		0.07	0.03		0.71		0.13	0.33	0.02	25
26	0.05	0.03	0.06			0.03		0.01	0.02	0.06	0.02		26
27		0.07	0.02			0.09			0.06	0.39			27
28		0.06	0.04	0.02						1.08	0.04	0.20	28
29		0.07				0.12	0.01			0.28		0.60	29
30		✕				0.17	0.01			0.41		0.01	30
31		✕		✕	01	✕	0.01	14	✕	0.04	✕	0.08	31
Total	2.42	3.37	1.85	3.28	2.59	4.32	2.36	4.02	2.77	6.94	2.61	2.64	YEAR'S TOTAL 39.17
Rain Days.	19	24	21	17	16	17	18	13	14	25	18	18	220

2927

2295

REGISTER OF RAINFALL IN 1917.

FORM A.
BRITISH RAINFALL.

Kept at Worthington, near Wigan
in the County of Lancashire
by J. T. Hughes, for the Wigan Corporation

Lat. 53° 15' 15" N Long. 2° 37' 50 W
Time of Observation 9 a.m.
Nearest Railway Station Standish
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 225 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1						.07		.03	.43		.19	.29	1
2	.39			.04		.16		.07		.09		.02	2
3	.01	.25				.31		.02		.39	.06	.03	3
4	.19	.03	.04	.03						1.04			4
5	.32		.09	.08					.05	.29	.38	.07	5
6	.05					.15				.38	.22	.06	6
7	.94					.17				.64	.08	.08	7
8	.13			.37		.05		.57	.01	.71	.35	.43	8
9			.01	(.08)				.10		.15	.63		9
10	.39		.68	.25	.26			.20		.01			10
11	.09			.02				.24	.05	.57	.02	.03	11
12	.02		.01	.03	.50			.05	.01	.51	.01	.02	12
13				.11		.03		.21	.56		.12	.35	13
14	.03			.14	.12			.12		.10	.02	.22	14
15	.04			.07	.01		52	.02	.35	.11		.35	15
16		.07		.23		.01	01	.35	.02		.01	.47	16
17	.01	.02	.23	.43	.09	.05	09	1.40	.04	.20			17
18			.04	.17	.02		81	.15	.21	.02			18
19		.31	.16	.04	.45	.15			.01		.03		19
20		.37			.09	.36		.11	.09		.62		20
21		.05	.05		.32	.01		.14		.04	.06		21
22						.03		.04	.15	.40	.12		22
23		.16		.01	.14	.15	02	.22	.04	.25			23
24			.01			.16	05	.09		.44	.23	.10	24
25		.09	.04					.17		.12	.13	.04	25
26						.06		.70	.32	.23	.96		26
27			.02	.01	.57	.18	54	.67		.22	.03		27
28		.04	.39				05	.33		.22	.05		28
29			.13				03	.13		.40		.01	29
30		X	.20					.26		.05	.05		30
31		X	.18	X	.05	X		.40	X		X		31
Total	2.61 ✓	1.39 ✓	2.18 ✓	2.11 ✓	2.42	2.10 ✓	2.12 ✓	6.79 ✓	2.34 ✓	7.58 ✓	4.37 ✓	2.57 ✓	YEAR'S TOTAL 38.58 ✓
Rain Days.	13 ✓	10 ✓	16 ✓	17 ✓	12 ✓	17 ✓	9 ✓	26 ✓	15 ✓	25 ✓	22 ✓	16 ✓	198 ✓

W. 8,000, IX. 17.

REGISTER OF RAINFALL IN 1918.

FORM A. BRITISH RAINFALL. 2295

Kept at Worthington

in the County of Lancaster

by Wigan Corporation

Lat. 53° 35′ 15″ N. Long. 2° 37′ 50 W

Time of Observation 9 a.m.

Nearest Railway Station Standish — L & N W Rly.

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 225 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		.19		.02					.58	.11	.54	.47	1
2		.07							.63	.04	.01	.78	2
3		.04			.48				.02	.45		.02	3
4	.07	.03			.11			.05	.17	.27	.26	.16	4
5				.08	.17		.01	.77	.12	.46	.33	.01	5
6	.06	.71		.28		.28		.01	.01	.19			6
7	.03	.11		.06	.01			.05	.14	.38	.14		7
8	.13	.06	.06				.17		1.06	.21	.04	.01	8
9	.13	.40		.04		.51	.12		.89	.73	.03	.05	9
10	.07	.30		.14			.17		.32	.15	.37	.07	10
11	.24	.18		.01	.25		.02	.03	.52			.21	11
12	.08	.28		.08					.10	.01		.13	12
13	.04	.01		.03	.14				.30	.39			13
14	.56					.05	.25		.52	.29		.22	14
15	.09				.01	.04	.46		1.30	.11		.67	15
16	.01					.06	.42	.08	.45			.40	16
17	.24				.14	.19	.33	.07	.08	.09		.31	17
18	.25		.06			.17	.17	.01	.32			.81	18
19	.14	.05	.36	.10			.33	.19	.16	.05		.56	19
20	.13	.60	.01	.15	.09	.16	.39		.61	.01		.07	20
21	.30	.25			.08	.14	.02		.50			.04	21
22	.09	.01			.62	.07	.32		.23			.88	22
23	.07				.36		.23		.19		.09	.10	23
24	.01	.11					.26	.26	.20	.01	.10	.22	24
25					.08	.03	.12	.86	.12		.02		25
26							.10	.08	.64	.04	.21	.13	26
27		.10	.36			.13		.65	.39	.06	.24	.52	27
28		.04	.30						.13		.41	1.12	28
29									.03			.20	29
30		╳	.38					.22	.04	.01	.12	.35	30
31		╳	.16	╳		╳		.17	╳	.02	╳		31
Total	2.74	3.54	1.69	0.99	2.54	1.83	3.89	3.50	10.77	4.08	2.91	8.51	YEAR'S TOTAL 40.99
Rain Days.	20	19	8	11	13	12	18	15	30	22	15	26	209

209

W. 8,000, IX. 17.

4 RL 2771

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION. 2295

JAN 20

REGISTER OF RAINFALL IN 1919.

Kept at Worthington

in the County of Lancaster

by Wigan Corporation, Water Dept

Lat. 53° 35′ 15″ Long 2° 37′ 50 W.

Time of Observation 8 am

Nearest Railway Station Standish

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 225 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.36	.	0.04	.	0.40	.	0.29	0.02	0.47	0.34	0.01	0.03	1
2	0.22	.	0.50	.	0.05	.	0.27	0.04	0.29	0.13	.	0.19	2
3	0.34	.	.	0.02	0.09	0.17	0.07	.	.	.	.	0.02	3
4	0.50	.	0.30	.	0.02	0 12	0.06	0.25	0.05	.	.	0 16	4
5	0.02	.	.	0.04	0.10	.	.	.	.	0.02	0.02	0 26	5
6	0.07	.	0.36	.	0.26	.	.	.	.	.	.	0.12	6
7	0.03	.	0.35	0.07	.	.	.	.	0.07	.	0.04	.	7
8	0.14	.	0.04	0.03	0.02	0.08	.	.	.	.	.	.	8
9	0.25	.	0.08	0.02	0.	0 04	.	.	.	.	.	.	9
10	.	.	0.57	0.14	.	.	.	.	.	0.03	0.04	0.16	10
11	.	.	0.71	0.10	0.05	.	0.21	.	.	0.04	.	0.03	11
12	0.05	.	0 34	0.06	.	0.33	0.01	.	0.01	0.20	0.12	.	12
13	0.42	.	.	0.19	.	0.17	.	0.02	.	0.53	.	0.06	13
14	0.40	.	.	0.18	.	.	.	0.02	.	0.23	.	0.01	14
15	0.22	0.02	.	0.23	.	.	.	0.03	.	0.22	.	0.46	15
16	0.13	0.07	.	0.01	0.01	0.05	.	.	.	.	0.32	0.02	16
17	.	.	.	0.17	.	0.22	0.01	0.49	.	.	0.91	0.03	17
18	.	.	0.59	.	.	.	0 09	0.37	0.20	.	0.02	0.18	18
19	0.06	0.38	1.65	.	.	0.26	0 03	0.19	0.10	.	0.27	0.36	19
20	0.54	.	0.01	.	.	0.36	.	0.07	0.05	.	0.14	0.61	20
21	0.15	0.06	.	.	.	0.08	0.24	.	0.06	.	0.05	0.12	21
22	.	0.41	.	.	.	0.07	0.02	0.05	0.34	.	0.09	1.14	22
23	.	0.10	.	.	.	0 18	.	0.05	—	1.09	0.03	0.10	23
24	.	.	.	0.12	0.29	.	.	0.01	0.18	0.09	0.19	0 31	24
25	0.15	.	.	0.14	0.24	0.06	.	0.72	.	.	0.35	0.02	25
26	0 13	.	0.51	0.11	.	0.13	.	0.67	0.16	.	0.05	0.61	26
27	0.30	0.02	0.02	0.26	.	0.02	.	0.06	.	.	0 02	0.01	27
28	.	.	0.02	0.03	.	0.01	.	0 81	.	.	.	0.46	28
29	.	.	0.02	0.03	.	.	.	0.15	0.01	0.17	0.06	0.24	29
30	.		0.09	0 23	.	0 21	.	0.05	.	0.02	0.10	0.26	30
31	.		0.07		.		0.24	.		.		0.06	31
TOTAL	4.48	1.06	6.27	2.18	1.53	2.56	1.54	4.07	1.99	3.11	2.83	6.03	YEAR'S TOTAL 37.65
Days with ·01 in. or more	20 198	7	19	20	11	18	12	19	13	13	19	27	198

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

Form A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

6 JAN 1921

2295

REGISTER OF RAINFALL IN 1920.

Kept at Worthington

in the County of Lancaster

by Wigan Corporation Water Dept

Lat. 53° 35' 15" Long. 2° 37' 50 W

Time of Observation 8 am

Nearest Railway Station Standish

Diameter of Funnel of Rain Gauge 8" in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " Sea Level 225 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.06		0.09	0.12	0.42	0.02	0.37	0.07	0.10	0.07		0.18	1
2				0.06	0.07		0.32	0.02	0.45			0.21	2
3	0.03	0.08	(0.04)	0.05	0.03	0.06	0.15	0.14	0.24	0.11		0.06	3
4				0.05	0.01		0.10	1.18	0.11	0.18	0.01	0.01	4
5		0.01	0.08	0.16	0.54		0.11	0.35	0.42	0.33			5
6			0.78	0.22	0.24		0.02			0.08	0.04		6
7	0.04	0.05	0.10	0.06	0.04		0.20				0.26		7
8	0.16	0.05	0.04	0.29	0.09		0.10	0.06			0.06		8
9	0.37	0.60	0.11	0.33			0.31	0.08	0.03		0.68	0.03	9
10	0.46	0.52	0.05	0.01			0.59				0.03	0.04	10
11	0.36	0.04	0.12	0.03	0.35	0.65	0.02				0.04		11
12	0.20	0.04	0.09	0.38	0.16	0.20	0.14	0.02				0.02	12
13	0.11	0.17	0.30	0.08		0.35	0.04		0.02			0.02	13
14	0.01	0.18		0.34		0.32	0.12		0.48	0.15			14
15		0.22	0.06	0.22			0.01		0.02	0.01			15
16			0.02	0.07	0.19	0.26	0.71		0.13				16
17	0.01		0.01		0.18		0.01	0.27	0.34				17
18	0.20			0.05	0.47		0.08	0.17	0.11				18
19	0.11	0.76		0.13	0.49	0.25	0.02	0.17	0.18				19
20	0.25			0.46		0.03	0.05		0.49			0.03	20
21	~~0.16~~			0.06			0.58	0.04				0.21	21
22	0.16			0.35		0.02	0.21	0.06				0.09	22
23	~~0.05~~		0.09	0.07			0.72	0.09				0.63	23
24	0.05		0.71	0.11			0.17	0.02				0.29	24
25	~~0.15~~	0.17	0.06	0.05		0.03	0.89						25
26	0.13	0.08	0.43	0.24	0.54		0.26				0.03	0.05	26
27	0.09	0.01	0.10	0.38	0.48	0.42	0.07				0.10		27
28	0.52	0.01	0.32	0.65	0.04		0.09				0.01	0.26	28
29	0.12		0.29	0.29	2.29	0.02	0.45				0.33	0.48	29
30	0.26		0.11	0.18	0.03	0.14	–		0.56		(0.06)	0.36	30
31	0.24		0.14		0.19		(0.01)			0.32		0.06	31
Total	3.94	2.99	4.14	5.49	6.85	2.77	6.92	2.74	3.65	1.25	1.65	3.03	YEAR'S TOTAL 45.42
Days with ·01 in. or more	22	16	23	29	20	14	30	15	15	8	12	18	222
Days with ·04 in. or more	19	13	21	27	17	9	25	12	12	7	8	13	183

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

FORM A. 1. **METEOROLOG** **IZATION.**

REG

2963

WILPSHIRE, BROOKLYN RD

1920-30

9 MAR 1921

Kept at Brookl d.m.T.

pshire

in the County of La auge 5 in.

round 1 ft. — in.

by Mr H. W. A ea Level 408 ft.

IMPORTANT NOTE.— ed to the previous day.

If an Observer prefers not to to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. 0·04 in

Records taken in Millimetres should not be entered on this form.

Date	**Jan.**	**Feb.**	**March**	**April**	**May**	**June**	**July**	**August**	**Sept.**	**Oct.**	**Nov.**	**Dec.**	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0·01	nil	0·01	0·01	0·15	0·16	0·31	0·04	0·16	0·41	0·04	0·07	1
2	0·01	nil	0·09	0·17	0·23	0·03	0·30	0·03	0·35	0·26	nil	0·14	2
3	0·01	0·02	nil	0·04	0·02	nil	nil	0·13	0·06	0·02	nil	0·28	3
4	nil	0·16	0·20	0·02	0·05	0·03	0·14	0·22	0·30	0·48	nil	nil	4
5	nil	nil	nil	0·10	0·26	nil	0·19	0·65	0·14	0·15	nil	0·03	5
6	nil	nil	0·20	nil	0·77	nil	0·15	0·19	0·18	0·26	0·05	0·01	6
7	0·03	nil	0·41	0·20	0·03	nil	0·02	nil	nil	nil	nil	0·03	7
8	0·15	0·13	0·16	0·03	0·06	nil	0·73	0·05	0·03	nil	0·06	nil	8
9	0·21	0·07	0·05	0·36	0·22	nil	0·07	0·20	nil	nil	0·01	nil	9
10	0·70	1·51	0·04	0·48	nil	nil	0·36	nil	0·06	nil	0·04	0·07	10
11	0·53	0·02	0·03	0·02	0·01	0·36	0·06	nil	nil	nil	nil	0·02	11
12	0·14	0·01	0·22	0·19	0·28	nil	0·10	0·02	nil	nil	nil	0·05	12
13	0·13	0·34	0·08	0·09	0·07	0·08	0·18	nil	0·02	nil	0·34	0·01	13
14	0·19	0·06	0·07	0·06	0·03	0·79	0·05	nil	0·03	nil	0·62	0·03	14
15	0·02	0·17	0·17	0·41	nil	0·37	0·10	nil	0·24	0·27	0·37	nil	15
16	0·02	0·18	0·06	0·27	nil	0·04	0·19	nil	nil	0·01	0·11	nil	16
17	0·04	nil	0·05	nil	0·28	0·06	0·47	nil	0·27	nil	0·05	nil	17
18	0·22	nil	0·05	nil	0·12	nil	0·11	0·38	0·26	nil	nil	nil	18
19	0·12	0·52	nil	0·04	1·08	nil	nil	0·10	0·06	nil	nil	nil	19
20	0·07	0·08	nil	0·22	0·14	0·12	0·14	0·01	0·01	nil	nil	0·03	20
21	0·19	nil	nil	0·11	nil	nil	0·18	nil	0·22	nil	nil	0·03	21
22	nil	nil	nil	0·16	nil	nil	0·59	0·03	nil	nil	nil	0·23	22
23	0·15	nil	nil	0·01	nil	0·01	0·51	0·08	nil	nil	nil	nil	23
24	0·04	nil	0·14	0·24	nil	nil	0·01	0·01	nil	nil	nil	0·41	24
25	0·04	nil	0·55	0·01	nil	0·01	0·28	0·01	nil	nil	nil	0·07	25
26	0·17	0·13	0·61	0·10	0·12	0·01	0·90	nil	nil	nil	nil	0·01	26
27	0·08	0·09	0·05	0·44	0·07	nil	0·01	nil	nil	nil	0·09	0·02	27
28	nil	nil	0·10	0·21	0·27	0·62	0·09	nil	nil	nil	0·05	0·16	28
29	0·27	0·05	0·45	0·09	0·25	0·01	0·06	nil	nil	nil	0·11	0·26	29
30	0·16	╳	0·16	0·18	1·36	nil	0·28	nil	nil	nil	0·12	0·23	30
31	0·44	╳	0·05	╳	0·11	╳	0·01	nil	╳	nil	╳	0·32	31
													YEAR'S TOTAL
TOTAL	4·14	3·54	4·00	4·26	5·98	2·70	6·59	2·15	2·39	1·86	2·06	2·51	42·18
Days with ·01 in. or more	26	16	24	27	23	15	29	16	16	8	14	22	236
Days with ·04 in. or more	20	13	22	21	19	9	25	10	12	6	13	12	182

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

FORM A. 1. METEOROLOG IZATION.

MAR 1921

REGISTER OF RAINFALL IN 1920.

Kept at Brooklyn Rd, Wilpshire

in the County of Lancaster

by Mr H. W. Apperley

Lat. Long.
Time of Observation 6 pm G.M.T.
Nearest Railway Station Wilpshire
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level 408 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. 0·04 in

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0·01	nil	0·01	0·01	0·15	0·16	0·31	0·04	0·16	0·41	0·04	0·07	1
2	0·01	nil	0·09	0·17	0·23	0·03	0·30	0·03	0·35	0·26	nil	0·14	2
3	0·01	0·02	nil	0·04	0·02	nil	nil	0·13	0·06	0·02	nil	0·28	3
4	nil	0·16	0·20	0·02	0·05	0·03	0·14	0·22	0·30	0·48	nil	nil	4
5	nil	nil	nil	0·10	0·26	nil	0·19	0·65	0·14	0·15	nil	0·03	5
6	nil	nil	0·20	nil	0·77	nil	0·15	0·19	0·18	0·26	0·05	0·01	6
7	0·03	nil	0·41	0·20	0·03	nil	0·02	nil	nil	nil	nil	0·03	7
8	0·15	0·13	0·16	0·03	0·06	nil	0·73	0·05	0·03	nil	0·06	nil	8
9	0·21	0·07	0·05	0·36	0·22	nil	0·07	0·20	nil	nil	0·01	nil	9
10	0·70	1·51	0·04	0·48	nil	nil	0·36	nil	0·06	nil	0·04	0·07	10
11	0·53	0·02	0·03	0·02	0·01	0·36	0·06	nil	nil	nil	nil	0·02	11
12	0·14	0·01	0·22	0·19	0·28	nil	0·10	0·02	nil	nil	nil	0·05	12
13	0·13	0·34	0·08	0·09	0·07	0·08	0·18	nil	0·02	nil	0·34	0·01	13
14	0·19	0·06	0·07	0·06	0·03	0·79	0·05	nil	0·03	nil	0·62	0·03	14
15	0·02	0·17	0·17	0·41	nil	0·37	0·10	nil	0·24	0·27	0·37	nil	15
16	0·02	0·18	0·06	0·27	nil	0·04	0·19	nil	nil	0·01	0·11	nil	16
17	0·04	nil	0·05	nil	0·28	0·06	0·47	nil	0·27	nil	0·05	nil	17
18	0·22	nil	0·05	nil	0·12	nil	0·11	0·38	0·26	nil	nil	nil	18
19	0·12	0·52	nil	0·04	1·08	nil	nil	0·10	0·06	nil	nil	nil	19
20	0·07	0·08	nil	0·22	0·14	0·12	0·14	0·01	0·01	nil	nil	0·03	20
21	0·19	nil	nil	0·11	nil	nil	0·18	nil	0·22	nil	nil	0·03	21
22	nil	nil	nil	0·16	nil	nil	0·59	0·03	nil	nil	nil	0·23	22
23	0·15	nil	nil	0·01	nil	0·01	0·51	0·08	nil	nil	nil	nil	23
24	0·04	nil	0·14	0·24	nil	nil	0·01	0·01	nil	nil	nil	0·41	24
25	0·04	nil	0·55	0·01	nil	0·01	0·28	0·01	nil	nil	nil	0·07	25
26	0·17	0·13	0·61	0·10	0·12	0·01	0·90	nil	nil	nil	nil	0·01	26
27	0·08	0·09	0·05	0·44	0·07	nil	0·01	nil	nil	nil	0·09	0·02	27
28	nil	nil	0·10	0·21	0·27	0·62	0·09	nil	nil	nil	0·05	0·16	28
29	0·27	0·05	0·45	0·09	0·25	0·01	0·06	nil	nil	nil	0·11	0·26	29
30	0·16		0·16	0·18	1·36	nil	0·28	nil	nil	nil	0·12	0·23	30
31	0·44		0·05		0·11		0·01	nil		nil		0·32	31
TOTAL	4·14	3·54	4·00	4·26	5·98	2·70	6·59	2·15	2·39	1·86	2·06	2·51	YEAR'S TOTAL 42·18
Days with ·01 in. or more	26	16	24	27	23	15	29	16	16	8	14	22	236
Days with ·04 in. or more	20	13	22	21	19	9	25	10	12	6	13	12	182

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

WOOLTON
ROSELEIGH GDNS
LANCASHIRE
1911 - 1920

FORM A2.
BRITISH RAINFALL.

6 - JAN 1912

REGIS

Kept at WOOLTON Roseleigh G
in the County of Lancas
by Joseph Stoney

in.
and One ft. in.
Level 180 ft.
M
Gateacre
Distance 1/4 Direction 2 E

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·10		·09				·14				·39		1
2			·06		·16			·03		·10	·02	·05	2
3					·41		·01		·06		·09	·09	3
4			·03		·01		·06	·30	·11		·16		4
5	·16		·09		·02			·76		·01		·05	5
6	·23		·01	·03				·51			·15	·04	6
7	·01										·11	·11	7
8	·18		·27						·09		·04	·47	8
9	·02		·03									·05	9
10	·03	·05	·21						·35		·40	·37	10
11	·05								·01		·35	·03	11
12			·46						1·47		·12	·02	12
13		·02	·03						·02		·13	·15	13
14	·03	·47					·02					·21	14
15		·12		·02							·08	·11	15
16		·08	·03	·08		·08	·03				·05	·10	16
17					·02	1·15					·08	·08	17
18		·25		·12		·05				·02	·08	·09	18
19		·05		·05		·27	·03		·14	·30	·16	·13	19
20		·11		·49			·18	·54	·28	·09		·44	20
21		·17	02			·03	·08	·05		·11		·04	21
22		·01		·13		·03			·04	·41		·19	22
23		·20	·04	·01	·01	·09			·30	·10		·23	23
24		·10		·16		1·23		·05	·02	·31		·05	24
25		·20		·36		·17			·58	·50		·20	25
26		·06		·24		·06	·04			·76	·07	·43	26
27		·27		·48				·74	·92			·12	27
28		·20		·19		·09			·16			·38	28
29				·28		·19	·06	·06	·34	·46		·11	29
30						·20	·09			·15	·02		30
31			·12		·03					·06			31
Total	·81	2·36	1·49	2·64	·66	3·64	·74	3·04	4·89	3·38	2·50	4·34	TOTAL for year 30·40 30.49
No. of Rain Days.	9	16	14	14	7	13	11	9	16	14	18	27	168

W. 8,000, X. '11.

FORM A2.
BRITISH RAINFALL.
6 - JAN 1912

REGIS

Kept at WOOLTON Roseleigh Gardens

in the County of Lancashire S2

by Joseph Stoney. (Gardener)

RAIN GAUGE Diameter of top 8 in.
Height of top above Ground One ft. in.
" " " Sea Level 180 ft.

Time of Observation 9 a.m

Nearest Railway Station Name Gateacre
Distance 1/4 Direction S.E

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·10		·09				·14				·39		1
2			·06		·16			·03		·10	·02	·05	2
3					·41		·01		·06		·09	·09	3
4			·03		·01		·06	·30	·11		·16		4
5	·16		·09		·02			·76		·01		·05	5
6	·23		·01	·03				·51			·15	·04	6
7	·01										·11	·11	7
8	·18		·27						·09		·04	·47	8
9	·02		·03									·05	9
10	·03	·05	·21						·35		·40	·37	10
11	·05								·01		·35	·03	11
12			·46						1·47		·12	·02	12
13		·02	·03						·02		·13	·15	13
14	·03	·47					·02					·21	14
15		·12		·02							·08	·11	15
16		·08	·03	·08		·08	·03				·05	·10	16
17					·02	1·15					·08	·08	17
18		·25		·12		·05				·02	·08	·09	18
19		·05		·05		·27	·03		·14	·30	·16	·13	19
20		·11		·49			·18	·54	·28	·09		·44	20
21		·17	02			·03	·08	·05		·11		·04	21
22		·01		·13		·03			·04	·41		·19	22
23		·20	·04	·01	·01	·09			·30	·10		·23	23
24		·10		·16		1·23		·05	·02	·31		·05	24
25		·20		·36		·17			·58	·50		·20	25
26		·06		·24		·06	·04			·76	·07	·43	26
27		·27		·48				·74	·92			·12	27
28		·20		·19		·09			·16			·38	28
29				·28		·19	·06	·06	·34	·46		·11	29
30						·20	·09			·15	·02		30
31			·12		·03					·06			31
Total	·81	2·36	1·49	2·64	·66	3·64	·74	3·04	4·89	3·38	2·50	4·34	TOTAL for year 30·49
No. of Rain Days.	9	16	·14	·14	7	13	11	9	16	14	·18	27	30.49 168

W. 8,000, X. '11.

copd by our stats 14.III.13

FORM A. BRITISH RAINFALL.

JAN 1913

REGISTER OF RAINFALL IN 1912

Kept at Riseleigh Gardens. Woolton

in the County of Lancashire 52

by Joseph Stoney

Lat. 53 7/18° North Long. 3° West

Time of Observation 9 a.m.

Nearest Railway Station Gateacre

Diameter of Rain Gauge eight in.

Height of top of Gauge above Ground One ft. in.

" " " " Sea Level 180 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			·09	·10	·01	·04	·02	·16	·05			·28	1
2		·04	·11	·04	·04	·28	·06		·04			·09	2
3	·30				·08	·08		·47	·20			·05	3
4	·38		·51	·03	·24	·46		·30	·10				4
5	·16	·03			·04	·12		·06	·06		·04	·03	5
6	·64	·10						·08	·02			·02	6
7		·05			·12	·01	03	·15	·35			·05	7
8	·28	·04				·05		·18	·40				8
9	·21		·61	·12		·32					·06	·06	9
10	·08					·10	·03	·12			·22	·03	10
11	·02	·01			·05			·04				·60	11
12		·11	·46			·01	·04	·03				·10	12
13			·02			·06		·64		·25		·05	13
14	·06		·58			·12		·73	·04			·08	14
15	·10	·17	·06		·02	·29		·06			·02	·15	15
16	·65	·02	·10		·31			·06		·13	·05		16
17	Rain & Snow	·19	·25		·01	·45		·62			·09	·12	17
18	2·12	·02			·02	·01		·60		·13	08	·16	18
19	·12	·03	·20			·04		·25		·02	·05	·02	19
20	·02		·24		·15		·06	·21		·21	·17	·10	20
21	·06	·03	·10		·31		(·25) ·25	·08		·45	·05	·11	21
22		·05			·40		·19	·65			·01	·10	22
23			·42			·17	·29	·71			·15	·02	23
24	·05	·04	·10			·11	·11	·27		·02	·03	·20	24
25			·25			·12		·04	·02	·04	·53	·17	25
26		·06	·20			·04	·38	·14		·99	·10	·04	26
27			·36			·20	·65			·42	·05	·06	27
28		·04	·03			·65	·32	(·29) ·29	·05	·19	·35		28
29			·05			·09	(·28) ·28	·04	·23	(·10)		·05	29
30	·06		·12		·32	·11	·05	·02		·04	·16		30
31			·10		·34		·80	·22					31
Total	5·31.	1·05	4·96.	·29	2·46	3·93	3·56	7·22	1·56	2·99	2·21	2·74	YEAR'S TOTAL 38·28
Rain Days.	17	17	22	4	16	24	16	28	12	13	18	25	212

W. 7,500, XI. ·12

Ansd 24.i.12
[illegible] weather

Roseleigh Gardens
Woolton Liverpool
Jan 23rd 1912

Dr Hughs Robert Mill

Sir I shall be glad if you will kindly let me know how much a foot of snow would be when it is thaw, we had 14 inchs fell on Wednes-day last. I took the Rain gauge very carefull into a on Thursday morning 9.a.m. I

x Stove to thaw, & I found ~~in~~ when Measured it Registered over two Inches & I always thought one foot of Snow Measured one Inch.

Is that So

I remain Sir

Yours faithfully

Joseph Stoney

Observer

FORM A.
BRITISH RAINFALL.
12 JAN 1914

REGISTER OF RAINFALL IN 1913

Kept at Roseleigh Gardens Woolton

in the County of Lancashire 5v

by Joseph Stoney

Lat. Long.

Time of Observation 9 a m

Nearest Railway Station Gateacre

Diameter of Rain Gauge eight in.

Height of top of Gauge above Ground One ft. in.

" " " " Sea Level 180 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
1	·05	·10	·03	·03	·04						·05		1
2		·06	·04								·03	·03	2
3		·04	·16		·78							·82	3
4	·52	·15			·05		·04			·20	·02	·43	4
5	·40	·05			·12	·40	·16			·05	·07	·04	5
6	·04	·15	·11		·37	·15	1·12			·08	·02	·19	6
7		·14	·09		·15	·25				·36	·19	·05	7
8		·05	·08		·06	·05	·02	·29		·10			8
9		·30	·05	·23	·11	·48	·20	·20	·02		·15	·18	9
10	·05	·05	·05	·18	·06	·01	·06	·02		·08	·10		10
11	·85			·47	·04	·44	·02	·04	·06	·11	·18	·03	11
12	·13				·04	·02		·05	·12		·15	·05	12
13		·03	·27				·09	·10	·14	·05	·35		13
14	·07		·20	·05						·60	·32	·04	14
15	·06		·10	·34					·05	·05	·24		15
16			·05	·01			·01				·11	·10	16
17	·04		·05	·03	·02		·08		·06		·16		17
18			·20	·04	·07	·02	·25				·06		18
19	·08		·03	·15		·30	·04		·15	·19	·05		19
20	·08		·08	·08	·02	·02	·07			·19	·30		20
21	·06		·05		·18		·16	·24			·08		21
22	·75		·75			·28		·40	·44		·01		22
23			·05		·10	·07		·15	·24		·13	·08	23
24	·21	·01		·05		·11		·03			·12	·06	24
25				·04					·27	·15	·04	·12	25
26		·02		1·07		·05			·32			·39	26
27		·04		·16						·25	·08	·21	27
28	·27		·11	·30	·06					·13		·11	28
29			·21	·41	·11					·05	·12		29
30								·11		·15			30
31	·27		·20		·88						·21		31
Total	3·93	1·17	2·96	3·64	3·26	2·65	2·32	2·13	1·87	2·79	3·36	2·93	YEAR'S TOTAL 33·01
Rain Days.	17	14	22	17	19	15	14	11	11	17	26	17	200

W. 7,500, XI. 12

[illegible] 5.IV.15 ML

REGISTER OF RAINFALL IN 1914

FORM A. BRITISH RAINFALL.

8 - JAN 1915

Kept at Roseleigh Gardens. Woolton
in the County of Lancashire S 2
by Joseph Stoney

Lat. 53 7/8 North Long. 3° West
Time of Observation 9 a.m.
Nearest Railway Station Gateacre
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground One ft. – in.
" " " " Sea Level 184 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following. ·05 in

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		·07	·17			·02	·40	·40		·03		·36	1
2			·05				·51	·41		·04	·22	·37	2
3	·04		·05		·21		·02	·04				·22	3
4	·28		·17	·15	·16	·02	·04	·03			·39	·40	4
5	·10		·35	·11	·20	·05					·08	·17	5
6		·03	·01	·18	·17	·02	·05	·04			·11	·04	6
7	·02	·06	·27	·01	·44	·04	·06	·22				·12	7
8	·20			·02	·32		·26	·30	·31	·03		·05	8
9	·25	·13	·06	·20	·06	·52		·10	·25		·10		9
10	·04	·07	·25	·12	·05	·04			·21				10
11		·12	·31	·04	·04	·29			·47		·70	·35	11
12		·49	·28		·04	·03	·31		·55		·15	·10	12
13		·07	·13	·02	·05		·17		·10	·41	·55	·16	13
14		·04	·06						·05	·02	·10	·12	14
15			·28						·02		·06	·16	15
16		·07	·05				1·02		·61			·07	16
17	·01	·18	·24				·07		·58			·41	17
18									·31			·07	18
19			·02				·09		·26			·23	19
20		·16	·20			·34	·18					·15	20
21						·10		·05		·08		·25	21
22		·05		·05	·12	·10		·16					22
23		·03	·10	·05	·07		·14				·08		23
24	·04			·06			·11	·21			·09		24
25	·05						·28	·27		·74	·10	·22	25
26	·01		·02					·04		·36	·26	·18	26
27	·18									·29	·22	·82	27
28	·09		·10		(·15) ~~·70~~	·02		·02	·04	·04	·05	·21	28
29	·06	·17	·06				·04	·04			·03	·03	29
30		×	·04		·07			·05			·14	·09	30
31	·07	×	·04	×	·82	×	·44		×	·08	×		31
Total	1·44	1·74	3·31	1·03 1·01	2·17	1·59	4·29 4·19	2·38	3·76 3·76	2·12	3·43	5·35	YEAR'S TOTAL 32·69 32·49
Rain Days.	15	15	24	12	16	13	18	16	13	11	18	25	196

W. 8,000. X. 14.

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3003

FORM A. BRITISH RAINFALL.

19 JAN. 1916

REGISTER OF RAINFALL IN 1915

Kept at Roseleigh Gardens

in the County of Lancashire S

by Joseph Stoney

Lat. 53 7/18 Long. 3° West

Time of Observation 9 a m

Nearest Railway Station Gateacre 1/4 Mile

Diameter of Funnel of Rain Gauge eight in.

Height of top of Gauge above Ground one ft. in.

" " " " Sea Level 184 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·05	·26			·35		·06	·10	·30	·05	·03	·18	1
2	·02	·35	·28	·42		·16	·05	·25	·20	·03		·02	2
3	·55	·03	·05	·20			·25					·29	3
4	·04	·21			·18	·04	·10					·88	4
5	·03	·12	·18			·10		·02				·40	5
6	·24	·03	·16	·16			·40	·05			·03	·20	6
7	·61	·23		·17			·27	·59				·06	7
8	·30	·05						·55			·30		8
9								·02			·23	·54	9
10	·50		·10	·07			·01	·21			·08	·04	10
11	·14			·01			·04	·32		·04	·46	Snow ·51	11
12	·23			·10				·27		·22	·70		12
13	·01	·08		·11			·03	·10			·05	·08	13
14	·04			·06				·75		·02	·08	·13	14
15	·58							·10	·10		·32	·09	15
16		·08			·25		1·12	·87	·01			·03	16
17		·13	Snow ·18		·17			·02				·06	17
18	·03	·19	Snow ·19										18
19			·35	·01	·05		·10	·01					19
20	·11			·04	·04			·09		·03		·30	20
21	·20	·02		·06			·32					·27	21
22	·02	Snow ·15	·10		·02	·14	·02			·04		·11	22
23			·08			·02	·03		·03	·76		·05	23
24			·22	·05					·25	·30		·19	24
25						·45	·02			·02	·04	·16	25
26		·04				·05	·30		·02			·36	26
27		·10					·66		·01	·33		·39	27
28		·15			·02		·03	·50		·30		·03	28
29						·28		·09			·06	·10	29
30		×		·17		·02		·02		·10	·02	·02	30
31	·18	×		×		×	·06	·30	×	·03	×	·18	31
Total	3·88	2·22	1·89	1·63	1·08	~~1·18~~ 1·26	3·87	~~4·23~~ 5·23	·92	2·27	~~2·46~~ 2·40	~~5·68~~ 5·67	YEAR'S TOTAL ~~32·37~~ 32·32
Rain Days.	19	·17	·11	14	8	9	19	21	8	14	·13	27	180

W. 8,000. X. 15.

cond pr [illegible] 2916

REGISTER OF RAINFALL IN 1916

FORM A. BRITISH RAINFALL

Kept at Roseleigh Gardens Woolton

in the County of Lancashire

by Joseph Stoney

Lat. 53° 7/22 Long. 2° 52½

Time of Observation 9 A M. Summer & Winter Time

Nearest Railway Station Gateacre

Diameter of Funnel of Rain Gauge 8 inch in.

Height of top of Gauge above Ground one ft. – in.

" " " " Sea Level 184 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·13	·03			·09	·08	·19				·08		1
2	·17	·15	·29			·04	·05		·60	·47	·04		2
3		·03		·09		·08	·03		·40	·28	·10		3
4	·06	·14	Snow ·04		·70	1·06	·03		·04	·16	·30		4
5	05	·18			·22	·08				·42	35		5
6	36	·41			·31	·0[illegible]	·24		03	·20	13	·04	6
7	·03	·03			·24		·09			·10	·16	·40	7
8	·09	·20			·04	·05	·04			·02	36	·10	8
9	·07	·03			·29	1·15			·14			·11	9
10	03	·41		·12	·01	·12	·07		·02			·03	10
11	·03	30	·02	·45	·04	·64	·03		·20			·03	11
12	·26	·06	·05	·12	·40		·30	·09	·04	·13			12
13	·09	·28	·10	·14	·04			28	·04	26		·04	13
14		·13		·10	·28			·15	·04	·14	·02		14
15		·25	28	·12	·05		·05	38	·12	25			15
16	·05	·42		·31			·10	·18		·13			16
17	·16	·16		·32			·04	·04	·60	·20		·02	17
18		25		·49				·18	29	·14	·35	Snow 18	18
19			·17	·09				·27			·33		19
20	·07			·12				·01			·04	·05	20
21	·09		·30		·13						·04		21
22	·03		·04	·01	·04	·09				·23		·10	22
23	·02		·06			·01		·13		·01	·08	51	23
24		Snow 12			·04			·30		·05		·04	24
25	·03	Snow ·04	·12		·11			·14	·05	·10	·22	·03	25
26	·02	·02	·07		·25	·04		·40		·30	·02		26
27		·05				·06		09	·13	·12	·02	·04	27
28		Rain & Snow ·16				·15				·18	·01	·15	28
29		·18			·03	·11	·01			17		·39	29
30		X			02	·19	·02			·02			30
31		X		X		X		·15	X	·10	X	·12	31
Total	1·84	3·95	1·54	2·48	3·33	3·38 3·28	1·29	2·79	2·74	4·18	2·65	2·38	YEAR'S TOTAL 32·55 32·44
Rain Days.	20	24	12	13	20	17	15	15	15	24	18	18	211

W. 8,000, VIII. 16

2769

FORM A. BRITISH RAINFALL.

9 JAN

REGISTER OF RAINFALL IN 1917

Kept at Roseleigh Gardens

in the County of Lancashire

by Joseph Stoney

Lat. Long.

Time of Observation 9 a.m.

Nearest Railway Station Gateacre

Diameter of Funnel of Rain Gauge eight in.

Height of top of Gauge above Ground One ft. in.

" " " " Sea Level 180 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1			·05	Snow 13		·09		·10	·19		·20	·18	1
2	·22			·18		·08		·03		·09	·05	·03	2
3		Snow ·35				·40				·25	·15	·25	3
4	·04									·45		·02	4
5	·21		Snow ·06	·05				·05		·42	·20	·03	5
6	·04		Snow ·16			·14				·40	·34	·04	6
7	·60									·38	·30	·08	7
8	·13			·39				·57		·70	·52	·41	8
9			Snow ·04	·15	·06			·14		·41	·20		9
10	·52		·51	·17	·19			·13					10
11	·10			·09	·08			·51	·07	·48	·05	·05	11
12	·06			·04	·58				·05	·60		·02	12
13	~~0~~			·04	·05	·15					·11	·11	13
14	·04			·05	·19			·32		·04		·07	14
15					·04		·12	·86	·05	·16		·09	15
16		·06		·30			·10	·10			·05	Snow & Rain ·32	16
17		·04		·37	·29	·25	·39	1·10	·10	·30			17
18	·02		·04	·14	·20	·05	·50	·07	·31				18
19		·60	·52	·03	·36	·08			·01		·05		19
20		·30			·19	·35		·39	·08		·59		20
21		·04	·24		·17	·12		·15		·06	·04		21
22								·12	·10	·26	·16		22
23		·20		·02	·06	·10		·11	·07	·21		·11	23
24			·04			·08	·04	·10		·50	·11	·05	24
25		·15						·17	·03		·07		25
26			·07			·20		·57	·22	·18	·75		26
27			·03		·65		·37	·47		·22	·02		27
28		·04	·15			·13	·11	·62		·12		·02	28
29			·09				·05	·67		·40			29
30		X						·25		·06	·06		30
31		X	Snow ·58	X	·05	X	·04	·18	X		X		31
Total	1·98	1·78	2·58	2·15	3·16	2·22	1·72	7·72	1·28	6·69	4·02	1·88	YEAR'S TOTAL 37·18
Rain Days.	11	9	14	15	15	14	9	24	12	22	20	17	182

W. 8,000, IX. 17.

11

FORM A.
BRITISH RAINFALL.

9 · 1 · 19

REGISTER OF RAINFALL IN 1918

Kept at Roseleigh Gardens. Woolton
in the County of Lancashire
by Joseph Stoney

Lat. Long.
Time of Observation 9. a. m
Nearest Railway Station Gateacre
Diameter of Funnel of Rain Gauge eight in.
Height of top of Gauge above Ground one ft. in.
" " " " Sea Level 180 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		·14		·06				·02	·22	·10	·29	·06	1
2		·03		·04				·11	·32	·03	·02	·91	2
3		·04			·36			·04	·04	·05		·05	3
4	·05	·05			·02			·01	·28	·24	·22	·04	4
5				·20	·30			·40	·06	·19			5
6				·34		·36		·05	·05	25			6
7		·52		·05				·06	·18	·15	·11		7
8	·15	·01					·25		·27	·19	·04	·05	8
9	·11	·35		1·08		·62	·12		·74	·45		·05	9
10	·09	·11	·03	·10			·16		·13	·11	·41	·09	10
11	·10	·19	·01	·02	·12		·17	·03	·10			·13	11
12	·02	·30		·10	·20		·35		·25			·05	12
13		·03			·11				1·02	·37			13
14	·20			·03		·10	·14		·30	·04		·32	14
15	Snow ·22					·04	·50		1·04	·08		·69	15
16						·40	·30	·11	·32			·30	16
17	·19				·15	·20	·34	·12	·09	·10		·09	17
18	·20		·05			·04	·28		·34			·49	18
19	·05	·03	·10	·07			·20		·12	·08		·54	19
20	·05	·62		·21	·04	·14	1·03		·12			·24	20
21	·18	·16		·05		·10	·15		·22			·14	21
22	·04				·92	·41	·17		·08	·01	·07	·60	22
23	·09				·40		·23		·16			·09	23
24		·08				·02	·19	·24	·12	·03	·24	·15	24
25						·04	·34	·44	·09	·10	·10		25
26					·09	·09	·08	·04	·27	·05	·19	·09	26
27		·12	·15					·45	·47		·18	·73	27
28		·05	·22			·08		·04	·21		·64	1·04	28
29			·03						10		·03	·09	29
30		X	·26					·18	·13		·12	·12	30
31		X	·22	X		X		·11	X	·10	X	·02	31
Total	1·74	2·83	1·07	1·35	2·71	2·64	5·00	2·45	7·84	2·72	2·66	7·17	YEAR'S TOTAL 40·18
Rain Days.	15	17	9	13	11	14	18	17	30	20	14	26	204

W. 6,500, VII. 18. W W C

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6 JAN 20

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Roseleigh Gardens Woolton
in the County of Lancashire
by Joseph Stoney

Lat. Long.
Time of Observation
Nearest Railway Station Gateacre
Diameter of Funnel of Rain Gauge eight in.
Height of top of Gauge above Ground One ft. in.
" " " " Sea Level 180 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	25		·06	·03	·44		·24	·03	·45	·55	·02	·08	1
2			·40				·16		·15	·10		·16	2
3	·08					·16	·10				·03	·11	3
4	·15		·32		·13	·09	·12	·52	·02		·05	·12	4
5	·02	·08	·03	·05	·04					·04	·06	·42	5
6	·06		·30		·09							·32	6
7	·04		·34	·13	·10				·07		·01	·04	7
8	·11		·10			·10							8
9	·12		·06	·09							·02		9
10			·20	·11	·08	·05				·07		·08	10
11	·02		1·25	·08			·22		·03	·17		·05	11
12			·41			·30	·08	·02		·10	·18	·04	12
13	·38	·04		·09						·63		·04	13
14	·68			·04			·05			·20			14
15	·36	·09		·27			·02			·09	·03	·51	15
16	·18	·27	·04			·02	·03				·44	·01	16
17	·06	·11	·44	·04		·15		·36			·67	·06	17
18	·04					·20	·06	·57	·12		·04	·20	18
19	·07	·40	·95				·05	·21	·61		·22	·39	19
20	·28	·08	·12			·33	·02	·10	·08		·17	·71	20
21	·24	·36				·05	·26		·10		·08	·21	21
22		·10				·06		·05	·49		·06	1·44	22
23				·23		·26		·03		1·15		·10	23
24				·08	·18			·05	·15	·19	·12	·31	24
25	·18			·14	·14	·01		·61		·05	·10		25
26	·04			·15		·19		·77	·17	·06	·10	·32	26
27	·12		·26	·15				·05	·04		·05		27
28				·04				1·03				·40	28
29			·05	·08		·04		·19		·09		·10	29
30			·05	·22		·16		·04			·03	·11	30
31			·12				·21	·03				·41	31
TOTAL	~~3·38~~ 3·48	1·53	~~5·62~~ 5·50	~~1·82~~ 2·02	1·20	~~2·37~~ 2·17	1·62	~~4·76~~ 4·66	2·48	3·49	~~2·50~~ 2·48	6·14	YEAR'S TOTAL 37·37 37·61
Days with ·01 in. or more	21	9	19	18	8	16	14	17	13	14	20	26	

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

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2505

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

JAN 1921

Kept at Roseleigh Gardens

in the County of Lancashire

by Joseph Stoney

Lat. 53° 22' Long. 2° 52' West

Time of Observation 9 a.m.

Nearest Railway Station Gateacre

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level 184 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	10		·11	·06	·29		·37	·20	·19	·08	·02	·17	1
2				·17	·02		·12		·33			·08	2
3	·04	·10		·18	·06	·04	·13	·03	15	·10		·06	3
4				·04	·07		09	62	·13	·16	·04	·02	4
5			·10		·83		·11	·20	·51	·20			5
6			·90	·16	·20		·05			·25		·06	6
7		·11	·07	·04			20						7
8	·10	·01		·41	·09		·23	·14					8
9	36	29	·04	·44			·10	·10	·04			·04	9
10	38	27	·06				·47					·05	10
11	·40	·08	·04	·08	·27	·41	·05	·02					11
12	·30		·08	·59	·04	55	·04	·04			·17	·10	12
13	·20	·10	·12	·06	·03	·05					·02		13
14	·02	·10	·30	·14		·19	·03	·04	·65	32	·25		14
15	·02	·08	·01	·22					·02	·05	·02		15
16			·13	·07	·30	59	58		·20	·05			16
17	·10				·18		·05	·12	·26				17
18	15			·03	19	·06		·03	·20				18
19	·11	1·45		·05	·22	·26		·15	·08				19
20	·19	·02		·18			·13	·04	·06	·02		·04	20
21	·04	02		·13			·47	·05	·10			·31	21
22	·12			·26		·04	·23	·15				·12	22
23	·02	·01	·17	·05			·35	·08				·43	23
24	·06		·60	·06			·05	·09	·02			·42	24
25	·02	14	·14	·15		·03	1·43	·02					25
26	·16	·05	·47	·36	·03		·09				·04	·03	26
27	·20	04	·14	·45	·30	·44	·05				·12	·10	27
28	·65	·03	29	15	·15		·09					·14	28
29	·08		·34	·02	·87		·40				·18	·62	29
30	·16		·09	15	·04	46			·49		·06	·12	30
31	20		·03		·11		·09	(·06)		·19			31
TOTAL	4·18	2·89	4·23	5·00	4·29	3·12	6·30	2·18	3·45	1·42	·92	2·91	YEAR'S TOTAL 40·87
Days with ·01 in. or more	25	17	21	27	20	12	26	19	16	10	10	18	221 Days
Days with ·04 in. or more	21	12	19	25	17	11	23	15	14	9	7	16	191

(44.283). 10/19. (52.638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.& E. W.

RE

WORSLEY HALL

LANCASHIRE

1911, 1914, 1916

FORM A2.
BRITISH RAINFALL.
6 - JAN 1912

Kept at Worsle ft. 10 in.

in the County of Lan 00 ft.

by M Be

Direction

IMPORTANT NOTE lt entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.

69

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·20		·10	·03					·39		1
2	·01		·09		·03					·04	·03	·06	2
3					·35	·01			·13		·39	·07	3
4			·12					·12	·12		·30	·11	4
5	·23			·01				·30		·02			5
6	·25		·01					·43		·10	·40		6
7	·01										·09		7
8			·19									·89	8
9												·08	9
10	·15	·07							·09			·36	10
11	·07		·14						·09		·25	·05	11
12									1·62		·43		12
13		·01									·7	·39	13
14	·04	·37			·17						·10	·26	14
15		·19			·20	·09					·06	·29	15
16		·22	·01	·01		·40	·03				·13		16
17					·07	·23					·20	·13	17
18		·04		·01		·14	·05	·04			·02	·12	18
19		·30		·02					·20	·04*	·04	·10	19
20		·22		·30		·13	·10	1·12	·15	·33	·17	·50	20
21		·38	·02							·01		·04	21
22	·05	·01		·05				·10		·15			22
23				·04	·04				·16	·30		·23	23
24	·02	·29		·15		·68			·49	·04		·30	24
25		·12		·20		·13				·13			25
26		·07		·18		·04	·09		·52	·11	·02		26
27		·13		·30				·74		·31*		·53	27
28		·16		·32		·14		·20	·04			·45	28
29				·40		·12			·29	·40		·14	29
30				·10		·30				·27			30
31			·05		·03					·06		·03	31
Total	·83	2·58	·83	2·09	·99	2·44	·27	3·05	3·93	2·31	3·09	5·13	TOTAL for year 29·54
No. of Rain Days	9	15	9	14	8	13	4	8	12	15	17	21	143

9,000, IX. '10.

4

RE

FORM A2.
BRITISH RAINFALL.
6 - JAN 1912

Kept at Worsley Hall

in the County of Lancashire 53

by W Benjamin

RAIN GAUGE	Diameter of top	8 in.
	Height of top above Ground	ft. 10 in.
	„ „ „ Sea Level	100 ft.

Time of Observation

Nearest Railway Station { Name / Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

69

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·20		·10	·03					·39		1
2	·01		·09		·03					·04	·03	·06	2
3					·35	·01			·13		·39	·07	3
4			·12					·12	·12		·30	·11	4
5	·23			·01				·30		·02			5
6	·25		·01					·43		·10	·40		6
7	·01										·09		7
8			·19									·89	8
9												·08	9
10	·15	·07							·09			·36	10
11	·07		·14						·09		·25	·05	11
12									1·62		·43		12
13		·01									·7	·39	13
14	·04	·37			·17						·10	·26	14
15		·19			·20	·09					·06	·29	15
16		·22	·01	·01		·40	·03				·13		16
17					·07	·23					·20	·13	17
18		·04		·01		·14	·05	·04			·02	·12	18
19		·30		·02					·20	·04*	·04	·10	19
20		·22		·30		·13	·10	1·12	·15	·33	·17	·50	20
21		·38	·02							·01		·04	21
22	·05	·01		·05				·10		·15			22
23				·04	·04				·16	·30		·23	23
24	·02	·29		·15		·68			·49	·04		·30	24
25		·12		·20		·13				·13			25
26		·07		·18		·04	·09		·52	·11	·02		26
27		·13		·30				·74		·31*		·53	27
28		·16		·32		·14		·20	·04			·45	28
29				·40		·12			·29	·40		·14	29
30				·10		·30				·27			30
31			·05		·03					·06		·03	31
Total	·83	2·58	·83	2·09	·99	2·44	·27	3·05	3·93	2·31	3·09	5·13	TOTAL for year 29·54
No. of Rain Days	9	15	9	14	8	13	4	8	12	15	17	21	143

9,000, IX. '10.

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
9 JAN 1915

Kept at ECCLES Worsley New Hall
in the County of Lancs
by W B Upjohn

Lat. .... Long. ....
Time of Observation ....
Nearest Railway Station ....
Diameter of Rain Gauge .... in.
Height of top of Gauge above Ground .... ft. .... in.
" " " " Sea Level .... ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1			·13				·22	·66		·06	·1	·34	·07 1
2	·12				·08		·31	·63		·04	·20	·13	2
3	·08		·09		·30		·07	·94				·41	·50 3
4	·26		·14	·20	·10		·04	·03			·32	·28	·05 4
5	11		·40	·06	·11	·02		·07			·11	·10	5
6			·09	·08	·30		·15	·02			·10	·02	6
7			·22	·01	·30	·05	·09	·15				·10	7
8	·56		·03		·22	·08	·05	·40	·05			·05	8
9	·24	·09	·02	·43	·05			·30			·13		9
10		·07	·06	·18	·03	·55			·15		·03		10
11		·20	·33		·03	·30			·32		·67	·13	11
12		·1.5	·12		·06		·07		·64		·50		12
13		·1.0	·08			·02	·05		·24	·07	·36	·23	13
14		·1.2	·11						-08	·05	·20	·25	14
15		·04	·33						·02		·14		15
16	·02	·08	·05				·95		·66				16
17		·51	·16				·16		·64			·61	17
18			·06			·05			·35			·09	18
19							·13		·08			·51	19
20		·09	·03			·34			·02	·04			20
21		·05						·02		·05		·05	21
22		·12			·09	·55	·02	·02					22
23		·02	·12	·12	·23	·10	·55						23
24			·36	·09		·02	·39	·25			·27	·01	24
25							·25	·49		·90	·10	·38	25
26							·04			·30	·34	·19	26
27	·14									·66	·30	1·04	27
28	·03	·1.4	·02		·04			·01	·02	·06	·15	·09	28
29	·07		·21		·06			·08		·05	·10	·10	29
30			·04					·04			·16	·09	30
31	·25		·14							·13			31
Total	2·01	1·78	3·34	1·17	2·00	2·08	3·54	4·21	3·24	2·41	4·18	5·20	YEAR'S TOTAL 35·19
Rain Days.	11	14	24	8	15	11	17	16	13	12	18	22	181

4·21

181

W.7,000, XI. 13

2939

FORM A.
BRITISH RAINFALL
12 JAN 1917

REGISTER OF RAINFALL IN 1916

Kept at Worsley Hall

in the County of Lincs

by W B Upjohn

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·18	·03	·15 sleet			·15	·37				·24		1
2	·27	·14	·02 sleet			·18	·03		·20	·32	·04		2
3	·11	·12				·73	·17		·61	·29	·15		3
4		·22			·43	·61	·01			·25	·23		4
5	·10	·34			·11	~~·04~~				·75	·25		5
6	·71	·34	·01 snow		·33		·21			·25	·23	·10	6
7	·02	·21	·02 snow		·25	·53	·06			·16	·07	·16	7
8	·03		·02 snow		·04	·14				·05	·40	·12	8
9	·17				·30				·20		·34		9
10	·02	·26		·14	·01		·06		·08	·07	·03		10
11		·27		·72	·02		·04		·21	~~6~~		·10 snow	11
12	·07	·10		·04	·31		[illegible]	·07	·03	·08	·01		12
13		·13		·07				·40		·84		·09	13
14	·02	·17 snow		·10	·34		·02	·22	·06	·36			14
15		·84 snow 31	·30	·07			·05	·24	·21	·04			15
16	·03	·23 Hail	·32	·24				·44		·14			16
17	·13	·24 snow	·14 *	·32			·02		·70	·14			17
18		·30 sleet	·07 *	·30				·48	·24	·06		·16 snow	18
19	·16		·20	·21				·12				~~2~~	19
20	·17		·13	·35	·19							·20	20
21	·03			·10	·26		·65		·04		·08		21
22						·08				·16		·15	22
23			·07 snow	·03				·20		·05	·17	·30	23
24		·14 snow						·30		·03		·10	24
25	·04	·05 snow	·09 sleet		·06	·06		·22		[illegible]	·38		25
26	·05	·07 snow	·05 snow					·06	·01	·41	·04		26
27		·04 sleet				·14		·02				·29	27
28		·04 snow						·01		·28			28
29		·05				·17				·14		·46	29
30		X			·04	·25				·30			30
31		X		X		X	·01	·10	X	·13	X	·20	31
Total	231	384	159	269	272	309	217	288	265	530	266	243	YEAR'S TOTAL 3433
Rain Days.	18	22	14	13	14	[illegible]	14	[illegible]	12	23	15	15	

W. 8,000. X. 15.

FORM A2.
BRITISH RAINFALL.

2 - JAN 1912

WRAY
VICARAGE
LANCASHIRE
1911 - 1919

R 11.

Kept at Wray owden

in the County of a

by Rev. (L

5 in.

ove Ground 1 ft. 2 in.

„ Sea Level 165 ft.

a.m.

Name Hornby

Distance 1 mile Direction W

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	–	0·44	–	0·05	–	0·11	0·31	–	–	0·59	0·08	1
2	0·07	–	0·02	–	0·20	–	0·01	0·04	–	0·08	0·20	0·14	2
3	–	–	0·42	–	1·19	–	0·01	0·08	0·04	0·01	1·09	0·26	3
4	–	–	0·09	0·06+	0·01	–	0·02	0·77	–	–	0·54	0·36	4
5	0·65	–	0·02	0·01+	–	–	–	0·86	–	0·04	0·16	0·17	5
6	–	–	–	–	–	–	–	0·58	–	–	0·26	0·67	6
7	0·21	–	0·06	–	–	–	–	–	0·04	–	0·30	0·01	7
8	0·13	–	0·31	–	–	–	–	–	–	–	0·17	0·98	8
9	0·04	–	–	–	–	–	–	–	–	–	–	0·50	9
10	0·75	0·16	0·11	–	–	–	–	–	0·09	–	–	0·81	10
11	0·04	–	–	–	–	–	–	–	0·07	–	0·11	0·06	11
12	0·02	–	0·24	–	–	–	–	–	1·20	–	0·39	–	12
13	–	0·09	–	–	0·11	0·01	–	–	–	–	0·26	0·43	13
14	0·03	0·64	–	–	0·67	–	–	–	–	–	0·21	0·26	14
15	0·02	0·47	0·03	0·04	–	–	–	–	–	0·02	0·94	0·25	15
16	0·04	0·54	0·02	0·08	–	0·04	0·13	–	–	–	0·29	0·24	16
17	0·04	0·03	–	–	–	0·70	0·04	–	–	–	0·34	0·14	17
18	–	0·41	0·03	0·10	–	0·06	0·01	– ~~0·04~~	–	0·02	0·04	0·27	18
19	–	0·02	–	0·25	–	0·06	0·01	0·04	0·30	0·21	0·04	0·28	19
20	–	0·14	–	0·35	–	0·01	0·20	0·09	0·24	0·09	–	0·52	20
21	–	0·98	–	0·16	–	0·09	0·04	0·22	0·08	0·23	–	0·09	21
22	0·10	0·20	–	0·09	–	0·10	0·03	–	0·01	0·28	–	0·01	22
23	0·03	0·31	–	0·09	0·72	0·42	–	–	0·22	0·75	–	0·29	23
24	0·16	0·13	–	0·40	–	1·19	–	0·40	0·09	0·08	–	0·23	24
25	0·02	0·49	–	0·53	–	0·05	–	0·02	0·43	0·20	–	0·17	25
26	–	–	–	0·34	–	0·01	0·01	0·54	0·01	0·70	0·09	0·22	26
27	–	0·66	–	0·30	–	0·09	0·02	0·43	0·43	0·01	0·02	0·19	27
28	–	0·20	–	0·48	–	0·34	–	0·03	0·20	–	–	0·47	28
29	–		–	0·23	–	0·31	0·04	–	0·38	1·53	–	0·31	29
30	–		–	0·02	–	0·04	0·08	–	0·01	0·62	0·01	0·01	30
31	–		0·02		0·02		–	–		0·04		0·16	31
Total	2·35	5·47	1·81	3·53	2·97	3·52	0·76	4·11	3·84	4·91	6·05	8·58	TOTAL for year
No. of Rain Days	16	16	13	17	8	16	15	14	17	17	20	30	47·90

9,000, IX. '10.

+ Snow.

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RE[illegible] 11.

FORM A2.
BRITISH RAINFALL.

2 - JAN 1912

Kept at Wray Vicarage

in the County of Lancaster N4

by Rev. C. L. Reynolds

RAIN GAUGE
Pattern Snowden
Diameter of top 5 in.
Height of top above Ground 1 ft. 2
" " " Sea Level 165 ft.

Time of Observation 9 a.m.

Nearest Railway Station
Name Hornby
Distance 1 mile Direction W.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	-	-	0·44	-	0·05	-	0·11	0·31	-	-	0·59	0·08	1
2	0·07	-	0·02	-	0·20	-	0·01	0·04	-	0·08	0·20	0·14	2
3	-	-	0·42	-	1·19	-	0·01	0·08	0·04	0·01	1·09	0·26	3
4	-	-	0·09	0·06+	0·01	-	0·02	0·77	-	-	0·54	0·36	4
5	0·65	-	0·02	0·01+	-	-	-	0·86	-	0·04	0·16	0·17	5
6	-	-	-	-	-	-	-	0·58	-	-	0·26	0·67	6
7	0·21	-	0·06	-	-	-	-	-	0·04	-	0·30	0·01	7
8	0·13	-	0·31	-	-	-	-	-	-	-	0·17	0·98	8
9	0·04	-	-	-	-	-	-	-	-	-	-	0·50	9
10	0·75	0·16	0·11	-	-	-	-	-	0·09	-	-	0·81	10
11	0·04	-	-	-	-	-	-	-	0·07	-	0·11	0·06	11
12	0·02	-	0·24	-	-	-	-	-	1·20	-	0·39	-	12
13	-	0·09	-	-	0·11	0·01	-	-	-	-	0·26	0·43	13
14	0·03	0·64	-	-	0·67	-	-	-	-	-	0·21	0·26	14
15	0·02	0·47	0·03	0·04	-	-	-	-	-	0·02	0·94	0·25	15
16	0·04	0·54	0·02	0·08	-	0·04	0·13	-	-	-	0·29	0·24	16
17	0·04	0·03	-	-	-	0·70	0·04	-	-	-	0·34	0·14	17
18	-	0·41	0·03	0·10	-	0·06	0·01	~~0·04~~ -	-	0·02	0·04	0·27	18
19	-	0·02	-	0·25	-	0·06	0·01	0·04	0·30	0·21	0·04	0·28	19
20	-	0·14	-	0·35	-	0·01	0·20	0·09	0·24	0·09	-	0·52	20
21	-	0·98	-	0·16	-	0·09	0·04	0·22	0·08	0·23	-	0·09	21
22	0·10	0·20	-	0·09	-	0·10	0·03	-	0·01	0·28	-	0·01	22
23	0·03	0·31	-	0·09	0·72	0·42	-	-	0·22	0·75	-	0·29	23
24	0·16	0·13	-	0·40	-	1·19	-	0·40	0·09	0·08	-	0·23	24
25	0·02	0·49	-	0·53	-	0·05	-	0·02	0·43	0·20	-	0·17	25
26	-	-	-	0·34	-	0·01	0·01	0·54	0·01	0·70	0·09	0·22	26
27	-	0·66	-	0·30	-	0·09	0·02	0·43	0·43	0·01	0·02	0·19	27
28	-	0·20	-	0·48	-	0·34	-	0·03	0·20	-	-	0·47	28
29	-		-	0·23	-	0·31	0·04	-	0·38	1·53	-	0·31	29
30	-		-	0·02	-	0·04	0·08	-	0·01	0·62	0·01	0·01	30
31	-		0·02		0·02		-	-		0·04		0·16	31
Total	2·35	5·47	1·81	3·53	2·97	3·52	0·76	4·11	3·84	4·91	6·05	8·58	TOTAL for year
No. of Rain Days	16	16	13	17	8	16	15	14	17	17	20	30	47·90

199

9,000, IX: '10.

+ Snow.

Ex DL

REGISTER OF RAINFALL IN 1912.

FORM A2.
BRITISH RAINFALL.
2 JAN 1913

Kept at Wray Vicarage
in the County of Lancaster N4
by Rev. C. L. Reynolds

RAIN GAUGE { Pattern Snowdon
Diameter of top 5 in.
Height of top above Ground ____ ft. ____ in.
" " " Sea Level 165 ft.

Time of Observation 9 a.m.

Nearest Railway Station { Name Hornby.
Distance 1 mile Direction W.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ☐

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0.03	-	0.18	-	0.06	0.10	0.09	0.02	0.43	-	-	0.23	1
2	0.07	0.05	0.69	0.13	0.23	0.10	0.08	0.02	0.07	-	-	0.08	2
3	0.39	-	0.11	0.01	-	0.80	0.01	0.15	~~0.81~~ 0.81	-	-	0.11	3
4	0.58	-	0.62	0.61	0.03	0.23	-	1.03	~~0.03~~	-	1.20	0.01	4
5	0.09	-	0.08	0.01	0.13	0.11	-	0.25	0.03	0.01	0.01	0.02	5
6	0.22	0.27	0.01	-	0.03	0.01	-	0.08	0.02	-	0.03	0.01	6
7	0.01+	0.25	0.02	0.02	0.11	-	0.09	0.13	0.22	-	0.31	0.03	7
8	0.28	0.16	0.12	0.07	0.07	0.05	-	-	0.03	-	0.18	0.06	8
9	0.27	0.09	0.41	0.28	-	0.13	-	0.01	0.01	-	0.20	0.22	9
10	0.12	-	0.01	0.10	0.04	0.09	0.04	-	-	-	0.66	0.04	10
11	0.05	-	-	-	0.14	0.03	0.18	0.02	-	-	0.01	0.41	11
12	0.16	0.02	0.39	-	-	0.37	0.02	-	-	-	0.03	0.13	12
13	0.02	-	0.01	-	-	0.01	-	0.08	0.01	0.28	0.01	0.36	13
14	0.23	~~0.07~~ -	0.15	-	-	0.43	-	0.07	-	-	-	0.62	14
15	0.61	0.07	-	-	0.30	0.19	-	0.14	-	0.07	-	0.10	15
16	0.66	-	0.20	-	0.10	0.04	-	0.01	-	0.21	0.07	0.03	16.
17	0.02#	0.25	0.27	-	0.06	1.07	-	0.33	-	0.01	-	0.56	17
18	0.02#	0.03	0.01	-	-	0.38	-	-	-	0.36	0.17		18
19	0.01	0.04	0.78	-	-	0.09	-	0.15	-	0.29	0.28	0.01	19
20	0.08	-	0.18#	-	0.38	0.09	-	0.21	-	0.50	0.10	0.03	20
21	0.01	0.01	0.21	-	0.01	0.03	0.03	0.01	-	0.14	0.01	0.03	21
22	0.01	0.27	0.01	-	0.26	-	0.01	0.45	-	-	0.21	-	22
23	-	-	0.14	-	-	0.09	0.23	0.45	-	-	0.37	0.02	23
24	0.02	-	0.16	-	-	0.17	0.26	0.04	-	0.10	0.10	0.25	24
25	-	0.01	0.10	-	-	0.32	0.01	0.04	-	0.01	0.33	0.12	25
26	-	0.17	0.29	-	-	0.03	0.16	0.04	-	1.26	0.40	0.26	26
27	-	0.10	0.61	-	0.10	0.74	0.32	-	-	0.26	0.02	0.26	27
28	-	0.10	0.01	-	-	0.21	0.81	0.27	-	0.18	0.31	0.01	28
29	0.02	0.03	0.13	-	-	0.02	0.88	0.12	0.20	0.27	-	0.05	29
30	-		0.37	-	0.06	0.02	0.06	-	-	0.02	-	0.19	30
31	-		0.36		0.12		1.06	0.49		-		0.21	31
Total	3.98	1.92	6.63	1.23	2.23	5.95	4.34	4.61	1.83	3.94	5.01	4.46	TOTAL for year
No. of Rain Days.	24	17	29	8	18	28	18	25	11	16	22	30	46.16 246

W. 8,000, X. '11.
+ Dew # Snow
# Snow

Ex 8L

REGISTER OF RAINFALL IN 1913.

FORM A2.
BRITISH RAINFALL.
6 - JAN 1914

Kept at Wray Vicarage,
in the County of Lancaster N4
by Rev. C. L. Reynolds.

RAIN GAUGE
Pattern Snowdon
Diameter of top 5 ins
Height of top above Ground 1 ft. 0 in.
" " " Sea Level 165 ft.

Time of Observation 9 a.m.

Nearest Railway Station
Name Hornby.
Distance 1 mile Direction West.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0·14	0·04	0·25	0·07	-	-	-	-	-	-	0·05	-	1
2	0·06	0·43	0·56	0·14	-	0·30	-	-	-	-	0·30	0·25	2
3	0·08	0·06	0·34	0·01	0·53	-	-	-	-	-	0·03	0·44	3
4	0·25	0·07	0·05	-	0·01	-	0·04	0·01	-	-	0·09	0·46	4
5	0·47	0·15	0·03	-	-	0·11	0·13	-	-	-	0·03	0·02	5
6	0·07	0·40	0·41	-	0·61	0·14	0·23	-	-	-	0·08	0·02	6
7	0·01	0·45	0·01	-	0·20	0·45	0·03	-	-	0·67	0·01	0·02	7
8	-	0·16	0·10	-	0·14	0·06	-	0·06	0·02	-	0·05	0·12	8
9	-	0·15	0·42	0·04	0·16	1·07	-	0·29	~~0·02~~	-	0·07	0·22	9
10	0·05+	0·29	0·49	0·14	0·04	0·03	-	-	0·02	0·14	0·13	0·01	10
11	0·50+?	-	0·01	0·11	-	0·07	0·07	~~0·01~~	-	0·04	0·24	0·14	11
12	0·02	-	0·03	0·00	-	0·01	0·04	0·01	0·58	-	0·30	0·07	12
13	0·02	-	0·77	0·01	-	-	0·10	0·18	0·20	0·17	0·39	-	13
14	0·08	0·01	0·37	0·10	0·01	-	0·05	-	0·01	-	-	0·16	14
15	0·08	-	0·50	1·12	-	-	-	-	0·01	0·38	0·62	0·14	15
16	0·01	-	0·13	0·01	-	-	0·03	-	-	-	0·30	0·01	16
17	0·01	-	0·01	0·36	0·07	0·03	0·18	-	-	-	0·30	-	17
18	0·06	-	0·41	0·31	0·07	0·09	0·05	-	-	-	0·37	-	18
19	0·15	-	0·01	0·15	0·07	0·10	-	-	0·06	0·25	0·53	-	19
20	0·02	-	0·09	0·03	-	-	-	0·02	-	0·19	1·26	-	20
21	-	-	0·10	-	0·33	-	0·16	0·83	0·02	0·04	-	-	21
22	0·30	-	0·48	-	0·09	0·04	-	1·12	0·09	-	-	-	22
23	0·69	-	3·06	-	0·26	0·18	-	0·15	0·04	-	0·22	0·09	23
24	0·58	0·04	0·01	0·12	0·01	0·34	-	0·09	-	-	0·04	0·17	24
25	0·10	-	-	0·15	-	~~0·04~~ -	-	-	0·62	0·03	0·02	0·62	25
26	-	0·08	0·01	0·83	-	0·04	-	-	1·64	0·02	0·05	0·68	26
27	-	0 -	-	0·43	-	0·02	-	-	-	0·35	0·03	0·09	27
28	0·09	-	0·15	0·47	-	-	-	-	-	0·06	-	0·01+	28
29	0·01		0·13	0·43	0·01	-	-	0·13	-	0·42	0·16	-	29
30	0·87		0·02	-	0·05	-	-	-	-	0·07	0·03	-	30
31	0·12		0·06		0·17		-	-		-		-	31
Total	4·84	2·33	6·01	5·33	2·78	3·08	1·11	2·89	3·31	2·83	5·70	3·74	TOTAL for year 43·95
No. of Rain Days.	26	13	29	20	18	17	12	11	12	14	26	20	218

W. 8,000, X. '11.

+ Snow.

FORM A.
BRITISH RAINFALL.

5 - JAN 1915

REGISTER OF RAINFALL IN 1914.

Kept at Wray Vicarage
in the County of Lancaster N 2 4
by Rev. C. L. Reynolds.

Lat. Long.
Time of Observation 9 a
Nearest Railway Station Hornby
Diameter of Rain Gauge five in.
Height of top of Gauge above Ground one ft. — in.
" " " " Sea Level 165 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0.01	0.01	0.16	0.01	-	0.16	0.28	0.08	-	0.02	0.01	0.38	1
2	0.01	0.27	0.05	-	-	-	0.34	0.39	-	0.23	0.25	0.38	2
3	0.28	0.03	0.16	-	0.68	-	0.01	0.15	-	-	-	1.16	3
4	0.34	-	0.23	0.28	0.20	-	-	-	-	-	0.05	0.29	4
5	0.03	-	0.72	0.13	0.09	0.19	0.03	0.01	-	-	0.15	0.24	5
6	-	-	0.21	0.07	0.14	0.03	-	0.22	-	-	0.09	0.68	6
7	0.17	0.02	0.38	0.02	0.24	0.03	-	0.08	-	-	0.02	0.04	7
8	1.69	0.02	0.08	0.06	0.33	0.06	0.36	0.92	0.14	0.02	0.44	0.06	8
9	0.49	0.13	-	0.21	0.01	0.33	-	0.03	0.34	-	0.59	0.02	9
10	-	0.25	0.03	0.02	0.06	-	-	-	0.05	-	0.38	-	10
11	-	0.13	0.27	-	0.08	-	0.17	-	0.12	-	0.34	0.17	11
12	-	0.60	0.07	-	0.05	-	0.11	-	0.58	-	0.42	0.21	12
13	-	0.23	0.18	0.07	0.03	-	0.01	-	0.06	0.06	0.36	0.07	13
14	-	0.45	0.21	-	-	-	-	-	{0.13}	-	0.26+	0.28	14
15	-	0.01	0.62	-	-	-	-	-	{0.25}	0.01	0.14	0.01	15
16	0.02	0.01	0.03	-	-	-	1.59	-	1.00	-	-	0.02	16
17	0.02	0.69	0.28	-	-	-	0.39	-	0.22	-	-	1.54	17
18	0.01	0.30	0.13	-	-	-	-	-	0.05	-	0.01	0.17	18
19	-	0.06	0.17	-	-	-	0.03	-	0.03	-	-	0.16	19
20	0.01	0.38	0.13	-	0.10	0.06	-	-	-	0.01	0.03	0.10	20
21	-	0.28	0.01	-	0.03	0.05	-	-	-	0.02	0.01	-	21
22	-	1.08	0.02	0.07	0.44	0.13	-	0.08	-	0.01	-	-	22
23	-	0.12	0.19	0.16	0.44	0.09	0.06	0.03	-	-	-	-	23
24	0.56	-	0.25	0.08	0.07	0.06	0.16	0.11	-	-	0.36	-	24
25	0.06	-	0.01	-	-	-	0.07	0.17	-	0.62	0.06	0.65	25
26	~~0.04~~	0.01	0.03	-	-	-	0.03	0.02	-	0.23	0.66	0.90	26
27	0.07	0.01	-	-	-	0.06	-	-	0.01	0.64	0.51		27
28	0.10	0.24	0.12	-	0.09	0.04	-	0.02	-	0.01	0.53	0.02	28
29	0.25	-	0.16	-	0.04	0.01	-	0.26	-	-	0.69	0.02	29
30	0.03	—	1.13	-	-	-	0.24	0.03	-	-	0.29	0.15	30
31	0.53	—	0.06		0.02		0.03	-		0.08		0.01	31
Total	4.68	5.33	6.09	1.18	3.17	1.30	3.91	2.60	2.98	1.96	6.63	7.13	YEAR'S TOTAL 46.96
Rain Days.	19	23	29	12	19	14	17	16	13	13	24	26	225

W.7,000, XI. 13

+Snow.

3215

REGISTER OF RAINFALL IN 1915

FORM A.
BRITISH RAINFALL,

4 - JAN 1916

Kept at Wray Vicarage

in the County of Lancaster N

by Rev. C. L. Reynolds.

Lat. Long.

Time of Observation 9

Nearest Railway Station Hornby

Diameter of Rain Gauge five in.

Height of top of Gauge above Ground one ft. – in.

" " " " Sea Level 165 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0·85	0·49	0·03	–	0·33	–	0·03	0·29	0·18	–	–	0·02	1
2	0·02	0·81	0·25	0·38	–	0·04	0·33	0·15	–	–	–	–	2
3	0·35	0·04	0·47	0·54	–	0·01	0·40	0·23	–	–	–	0·29	3
4	0·02	0·33	0·10	0·01	0·16	0·17	0·01	–	–	–	–	0·41	4
5	0·21	0·54	0·54	–	–	0·07	–	0·13	–	–	–	0·65	5
6	0·71	0·19	0·03	0·41	–	–	0·39	0·05	–	–	–	0·45	6
7	0·60	0·77	(–	0·08	–	–	0·65	0·26	–	–	0·01	0·07	7
8	0·15	0·46	–	0·06	–	–	0·01	0·29	–	–	1·25	–	8
9	0·02	0·14	–	–	–	–	–	0·03	–	–	0·20	0·35	9
10	0·58	–	0·25	0·05	–	–	0·01	0·22	–	–	0·01	0·59	10
11	0·07	–	0·01	0·01	0·59	–	0·12	0·02	–	–	–	0·60	11
12	0·18	–	–	0·08	0·01	–	0·20	0·01	–	0·16	0·19	–	12
13	0·20	0·04	–	0·02	–	–	0·05	0·31	–	0·02	–	0·07	13
14	0·41	–	–	0·14	–	–	0·40	0·14	0·05	0·01	–	0·12	14
15	1·44	–	–	0·10	–	–	0·01	0·55	0·18	–	0·12+	0·16	15
16	0·01	0·79	–	0·03	0·07	–	0·05	0·40	0·05	–	–	–	16
17	–	0·38	0·03+	–	0·02	–	0·03	–	–	–	–	0·09	17
18	0·02	0·33	0·04+	0·02	–	–	–	–	–	–	–	–	18
19	0·02	0·10	0·10	0·39	0·03	–	0·48	–	–	–	–	–	19
20	0·56	0·09	0·03	–	0·01	–	0·20	–	–	–	–	0·33	20
21	0·04	0·16	–	0·10	–	–	0·34	–	–	–	–	0·10	21
22	–	–	0·23	–	–	0·04	0·09	–	–	–	–	0·35	22
23	–	0·01	0·05	0·22	–	0·02	0·73	–	0·04	0·09	–	0·54	23
24	–	–	0·03	0·01	–	0 –	0·18	–	0·40	–	–	0·38	24
25	–	–	–	–	–	0·03	0·07	–	0·19	–	–	0·09	25
26	–	0·95	–	–	–	0·08	0·24	–	0·01	0·02	–	0·36	26
27	–	0·28	–	–	–	0·09	0·26	–	–	0·28	0·01	0·37	27
28	–	0·12	–	–	0·01	0·08	0·01	0·43	–	0·07	–	0·02	28
29	–		–	–	0·08	0·28	–	–	–	0·01	0·20	0·24	29
30	0·20	✕	–	0·43	–	0·01	–	–	–	–	0·03	0·04	30
31	0·20	✕	–	✕	–	✕	–	0·25	✕	–	✕	0·46	31
Total	6·86	7·02	2·19	2·88	1·31	0·92	5·29	3·76	1·10	0·66	2·02	7·15	YEAR'S TOTAL 41·16
Rain Days.	22	20	15	19	10	12	25	17	8	8	9	25	190

W. 8,000. X. 14.

+Snow.

+Snow.

REGISTER OF RAINFALL IN 1916.

FORM A.
BRITISH RAINFALL.

4 JAN 1917

Kept at Wray Vicarage,
in the County of Lancaster
by Rev. C. L. Reynolds.

Lat. .... Long. ....
Time of Observation 9 a.m
Nearest Railway Station Hornby
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 165 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0·42	0·03	0·01	-	-	0·20	0·55	0·04	-	0·02	0·32	-	1
2	0·09	0·21	-	-	-	0·30	-	-	0·25	0·16	0·10	0·03	2
3	0·01	0·07	-	0·12	0·01	0·04	-	-	0·66	0·09	0·43	-	3
4	0·09	0·12	-	-	0·47	0·50	0·01	-	0·01	0·54	0·18	-	4
5	0·16	0·69	-	0·01	0·18	0·32	-	-	-	1·06	0·56	-	5
6	0·67	0·42	0·06+	-	0·17	0·03	0·15	-	-	0·62	0·27	0·09	6
7	0·13	0·09	0·02+	-	0·49	0·24	0·54	-	-	0·54	0·08	0·32	7
8	0·02	0·06	0·01+	-	0·01	0·09	0·05	-	-	0·07	0·19	0·03	8
9	0·05	-	-	0·01	0·39	0·11	0·08	-	-	0·01	0·06	0·25	9
10	0·15	0·14	0·02	0·36	0·01	0·44	0·17	-	-	0·94	0·04	0·01+	10
11	0·04	0·39+	0·01	0·78	-	0·01	0·71	-	0·31	0·17	0·01	0·10	11
12	0·19	0·25	0·05	0·11	0·35	-	0·62	0·09	-	0·19	0·08	-	12
13	0·01	0·27	0·04	0·07	0·01	-	-	0·45	0·–	0·37	0·01	0·06	13
14	0·07	0·32	0·01	0·06	0·70	-	-	0·66	0·09	0·27	-	-	14
15	0·02	0·35	0·07	0·10	-	-	0·10	1·03	0·04	0·13	-	-	15
16	0·01	0·10	0·40	0·42	-	-	0·24	0·18	0·02	0·02	-	-	16
17	0·20	0·23	0·01	0·61	-	-	0·08	-	1·23	0·14	-	0·04+	17
18	0·08	0·48	-	0·04	-	-	0·04	0·23	0·38	0·18	0·05	0·09+	18
19	0·36	0·01	0·18	0·30	-	-	-	0·22	-	-	-	0·02	19
20	0·50	-	0·20	0·14	-	-	0·02	-	-	-	0·21	0·24	20
21	0·45	-	0·01	0·10	0·09	-	0·32	-	-	-	0·07	0·01	21
22	0·01	-	-	0·13	-	0·06	0·02	-	0·02	0·17	0·15	-	22
23	0·17	0·01+	0·05+	0·12	-	0·02	-	-	-	0·12	0·26	0·23	23
24	0·09	-	0·01	0·01	-	0·13	-	0·20	-	0·22	0·01	0·01	24
25	0·01	0·03+	0·25	-	0·14	0·05	0·45	0·73	-	0·15	0·28	0·16	25
26	0·33	0·01	0·28	-	0·05	-	-	0·05	-	0·06	0·04	-	26
27	0·01	0·05	0·04	-	0·11	0·02	-	0·04	0·04	0·50	-	0·01	27
28	0·20	0·01	0·01	0·01	-	-	-	-	-	0·41	0·08	1·10	28
29	0·09	0·05	0·02	-	-	0·08	0·02	-	-	0·43	0·28	0·36	29
30	0·05	X	-	-	-	0·03	0·04	-	-	1·03	0·01	0·24	30
31	0·01	X	-	X	0·82	X	-	0·36	X	0·46	X	0·49	31
													YEAR'S TOTAL
Total	4·69	4·39	1·76	3·50	4·00	2·67	4·21	4·28	3·05	9·07	3·77	3·89	49·28
Rain Days.	31	24	22	19	16	18	19	13	11	28	24	21	246

W. 8,000. X. 15. +Snow

+Snow.

Lncd 40

2995

REGISTER OF RAINFALL IN 1917.

FORM A. BRITISH RAINFALL.

8 JAN 1918

Kept at Wray Vicarage,

in the County of Lancaster

by Rev. C. L. Reynolds.

Lat. Long.

Time of Observation

Nearest Railway Station Hornby

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

" " " " Sea Level 165 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0.09	–	0.06	0.02+	–	0.08	–	–	0.24	0 –	0.20	0.18	1
2	0.88	–	–	0.04+	–	–	–	0.01	0.22	–	0.01	–	2
3	0.15	0.34+	–	0.02+	–	0.18	–	–	–	0.53	0.13	–	3
4	0.01	0.04+	0.03+	~~0.32~~ –	–	–	–	–	–	0.16	0.01	–	4
5	0.26	–	0.10	0.32+	–	–	–	–	–	0.09	0.66	0.12	5
6	0.50}	–	–	0.04	–	0.10	–	–	–	0.33	0.44	0.47	6
7		–	–	0.07	–	0.15	–	–	–	0.32	0.04	0.05	7
8	0.21	–	–	0.16	–	0.08	–	0.79	0.15	0.56	0.19	0.14	8
9	0.01	–	–	0.18+	–	–	–	0.70	–	0.09	0.25	–	9
10	0.36	–	0.62	0.20+	–	–	–	0.14	–	–	0.01	–	10
11	0.07	0.02+	–	0.01+	0.75	–	–	0.74	–	0.29	0.02	0.09	11
12	–	–	0.08	–	0.38	–	–	0.01	0.01	0.52	–	–	12
13	–	–	–	0.11	0.61	0.04	–	0.14	1.37	0.02	0.14	0.50	13
14	0.09+	–	–	0.13	0.02	–	–	0.60	–	–	–	–	14
15	0.01+	–	–	0.21	–	–	0.02	0.01	0.45	0.04	0.03	0.53	15
16	–	0.08	–	0.27	–	–	–	0.53	0.25	0.03	0.01	0.10	16
17	–	0.10	0.43	0.17	0.17	–	0.08	1.22	0.18	0.15	0.04	0.01	17
18	0.01	–	0.23	0.02	0.06	–	0.77	0.02	0.76	–	0.13	–	18
19	0.01	0.20	0.26	–	0.42	0.04	–	–	0.01	–	–	0.10	19
20	–	0.21	–	–	0.27	0.47	–	0.05	0.48	–	0.27	–	20
21	–	–	–	–	0.06	–	–	0.12?	0.38	0.11	0.01	–	21
22	–	0.06	–	–	~~0.13~~ –	–	–	0.25	0.17	0.87	0.06	–	22
23	–	0.01	–	–	0.13	0.96	–	0.27	0.10	0.07	0.03	–	23
24	–	–	0.05	–	–	0.07	0.08	0.57	–	0.65	0.17	–	24
25	–	0.13	0.04	–	–	–	–	0.14	0.20	0.27	0.02	–	25
26	–	–	–	–	–	–	–	0.49	0.37	0.10	1.19	–	26
27	–	–	0.11	0.01	0.14	0.18	0.74	0.48	–	0.29	0.12	–	27
28	–	–	0.30	–	–	–	0.02	0.09	–	0.02	0.03	–	28
29	–		0.06	–	–	–	0.12	0.12	–	0.65	0.04	–	29
30	0.01+	✕	0.10	–	–	–	–	0.03	–	0.20	0.19	–	30
31	–	✕	0.37+	✕	0.21	✕	–	0.50	✕	0.01	✕	0.03	31
Total	2.67 ✓	1.19 ✓	2.84 ✓	1.98 ✓	2.62 ✓	2.35	1.83 ✓	8.02 ✓	5.34	6.37	4.44	2.32 ✓	YEAR'S TOTAL 41.97
Rain Days.	16 ✓	10 ✓	15 ✓	17 ✓	12 ✓	11 ✓	7 ✓	24 ✓	16 ✓	24 ✓	27 ✓	12 ✓	191 ✓

W. 8,000, VIII. 16

+ Snow

+ Snow.

+ Snow

10

47

FORM A.
BRITISH RAINFALL.
3 · 1 · 19

REGISTER OF RAINFALL IN 1918.

Kept at Wray Vicarage

in the County of N Lancaster

by Rev. C. L. Reynolds

Lat. Long.

Time of Observation 9 a.m.

Nearest Railway Station Hornby.

Diameter of Funnel of Rain Gauge five in.

Height of top of Gauge above Ground one ft. – in.

" " " " Sea Level 165 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	-	0·17	-	0·05	0·01	-	-	-	0·29	0·14	0·46	0·77	1
2	-	0·05	-	0·07	-	-	-	-	0·24	0·62	0·19	0·42	2
3	-	0·12	-	-	0·39	-	-	-	0·01	0·69	0·08	0·13	3
4	-	0·07	-	-	0·01	-	-	0·10	0·26	0·25	0·38	0·02	4
5	-	0·08	0·02	0·27	0·19	-	0·01	0·95	0·01	0·78	0·13	0·05	5
6	-	1·44	-	0·28	-	0·46	-	-	-	0·22	-	-	6
7	-	0·24	-	0·22	-	-	0·08	0·07	0·20	0·11	0·46	0·03	7
8	0·33+	0·11	0·12	0·01	-	-	0·29	0·04	0·34	0·14	0·15	-	8
9	0·27	0·60	0·01	0·05	-	0·29	0·03	-	1·00	0·49	0·15	0·06	9
10	0·04	0·71	0·05	0·05	-	-	0·21	-	0·73	0·44	0·64	0·04	10
11	0·22	0·16	0·04	0·01	0·08	-	0·35	0·02	0·23	-	-	0·14	11
12	0·03	0·36	-	-	0·08	-	-	-	0·18	-	-	0·32	12
13	0·82+	0·04	-	0·16	0·10	0·02	-	-	0·24	0·11	-	0·03	13
14		0·01	-	-	-	0·22	0·10	-	0·45	0·04	-	0·14	14
15	-	-	-	-	-	0·22	0·28	-	1·13	0·01	-	1·00	15
16	0·11	-	-	-	-	0·35	0·74	0·50	0·34	-	-	0·22	16
17	0·20	-	-	-	0·23	0·03	0·95	0·30	0·17	0·22	-	0·27	17
18	0·73	-	0·20	-	-	-	0·25	0·02	0·09	-	-	0·64	18
19	0·17	0·11	0·12	0·16+	-	-	0·42	0·46	0·20	0·06	-	0·64	19
20	0·46	0·68	-	0·06+	0·29	0·20	0·59	0·02	0·12	-	-	0·01	20
21	0·23	0·30	-	-	-	0·10	-	-	1·07	0·08	-	-	21
22	0·03	0·01	-	-	0·23	0·03	0·08	0·08	0·28	-	-	0·60	22
23	0·11	-	-	-	0·20	-	0·64	-	0·06	-	0·04	0·13	23
24	0·27	0·16	-	-	-	-	0·04	0·12	0·13	0·01	0·04	0·10	24
25	-	0·01	-	-	0·24	-	0·23	0·29	0·38	-	0·01	-	25
26	-	0·10	-	-	-	-	0·01	0·05	0·35	0·08	0·12	0·16	26
27	-	0·17	0·56	-	-	0·66	-	0·68	0·38	0·17	0·13	0·63	27
28	-	0·01	0·33	-	-	-	-	-	0·18	0·01	0·07	0·57	28
29	-		-	-	-	-	-	0·18	0·12	-	-	0·64	29
30	-	✕	0·09	-	-	-	-	0·27	-	0·03	0·14	0·03	30
31	-	✕	0·19	✕	-	✕	-	0·20	✕	-	✕	0·05	31
Total	4·02	5·71	1 7 ~~2·5~~3	1·39	2·05	2·58	5·21	4·35	9·18	4·70	3·19	7·84	YEAR'S TOTAL 51·95
Rain Days.	16	23	11	12	12	11	18	18	28	21	16	27	213

1·73 + snow

W. 8,000, IX. 17.

FORM A.
BRITISH RAINFALL

JAN 20

REGISTER OF RAINFALL ~~IN~~ 1919.

Kept at Wray Vicarage
in the County of Lancaster
by Rev. C. L. Reynolds.

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Hornby
Diameter of Funnel of Rain Gauge five in.
Height of top of Gauge above Ground one ft. - in.
" " " " Sea Level 165 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	0.43		.		0.64	+	+	+	+	+	+	+	
1	0.24	-	0.03	-	0.04	-	0.14	0.11	0.59	0.30	-	0.20	1
2	0.45+	-	0.52+	-	0.23	-	0.16	-	0.15	~~0.30~~	0.01	0.14	2
3	0.13	0.04	-	0.06	0.04	0.15	0.05	-	-	-	0.02	0.44	3
4	0.09	0.07	0.44	0.01	×	-	0.04	0.12	0.02	-	0.04	0.23	4
5	×	-	-	-	0.23	-	-	-	0.07	-	-	0.28	5
6	0.04	-	0.54	-	0.26	-	-	-	0.10	-	0.01	0.22	6
7	0.04	-	0.15	0.06	0.01	0.03	-	-	-	-	0.03	-	7
8	0.27	-	0.02	0.03	-	0.01	-	0.07	-	-	-	-	8
9	1.27	-	0.14	0.02	-	-	-	-	-	-	-	-	9
10	0.11	-	1.36	0.09	0.52	-	-	-	-	0.02	-	0.43	10
11	0.03	-	0.32	-	0.02	-	0.16	-	0.01	0.04	-	0.08	11
12	-	-	0.02	0.11	-	0.05	0.08	-	0.01	-	0.12+	-	12
13	0.34	0.01	-	0.66	-	-	0.02	0.13	-	0.30	+	0.18	13
14	0.36	0.02	-	0.14	-	-	-	-	-	-	-	0.18	14
15	0.59	0.02	-	0.09	-	-	-	0.06	-	-	-	0.32	15
16	0.26	0.02	0.02	0.04	-	0.09	-	0.64	-	-	0.16	0.01	16
17	0.04	0.	-	0.11	-	0.06	-	-	0.04	-	0.61	0.01	17
18	-	-	0.43	-	-	-	0.11	0.45	0.26	0.01	0.09	0.34	18
19	0.01	0.49	0.74	-	-	0.37	0.01	0.05	-	-	0.37	0.01	19
20	0.15	0.42	0.01	-	-	0.51	-	0.13	-	-	-	0.76	20
21	-	0.18	0.01	-	0.01	0.10	-	0.20	0.15	-	0.15	0.21	21
22	-	0.17	-	-	-	0.19	0.04	0.20	0.29	0.04	0.12	0.50	22
23	0.03	-	-	0.08	-	0.03	-	0.01	-	1.10	0.10	0.03	23
24	0.20	-	-	0.07	0.10	0.01	-	0.01	0.45	0.10	0.65	0.13	24
25	0.30	-	-	0.16	-	0.02	-	0.50	0.47	-	0.16	0.40	25
26	0.32+	0.03	0.78	0.05	-	0.05	-	0.48	0.05	-	-	-	26
27	0.45	-	0.01	0.05	-	0.02	-	0.03	- ~~0.11~~	-	-	0.02	27
28	-	-	-	-	-	0.03	-	0.63	0.11	0.01	-	0.36	28
29	-		-	0.04	-	-	-	0.31	0.11	0.19	(-	0.21	29
30	-	×	0.11	0.10	-	0.11	-	0.05	-	0.03	0.38	0.47	30
31	-	×	0.08	×	-	×	0.90	-	×	-	×	0.04	31
Total	6.45	1.47	5.73	1.97	2.10	1.83	1.71	4.18	2.88	2.14	3.02	6.23	YEAR'S TOTAL 39.71
Rain Days.	23	11	19	19	11	17	10	19	16	11	16	26	199

+ Snow (Jan.)

+ Snow. (March)

+ Snow (Nov.)

W, 6,500. VII. 18. w w c

LANCASHIRE

YEALAND CONYERS

BEECHFIELD

1911 – 1920

FORM A1.
BRITISH RAINFALL.
JAN 1912

RE

Kept at Yealand-Con

in the County of Lanc

by W. E. Roper.

dom

5 in.

Ground 1 ft. · in.

Sea Level 250 ft. 3035

. m.

Name Carnforth.

Distance 2½ Direction S.

IMPORTANT NOTE the result entered to the previous day. If an Obs ersal rule, he is earnestly requested to add the readi r in the space provided for it at the end of this ent of rain, the selection and placing tish Rainfall Organization are given in " pplication to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·25		·04		·05	·12			·50	·05	1
2	·03		·22		·02		·01	·03		·12	·30	·11	2
3	·01		·14		·87			·13			·78	·30	3
4			·06	·02	·01			·75			·57	·24	4
5	·25		·04					·75		·05	·04	·10	5
6			·03	·02				·77			·18	·30	6
7	·12		·01		·01						·54	·02	7
8	·15		·38								·67	·25	8
9	·07		·01								·01	·50	9
10	·29	·18	·20						·48			·43	10
11	·17		·01					·01			·07	·13	11
12			·09						·36		·46	·01	12
13	·01	·15			·10						·21	·24	13
14	·03	·71			·02						·56	·08	14
15	·02	·51	·02								·60	·16	15
16	·07	·41		·09		·19	·05				·03	·17	16
17	·02	·01			·07	·37					·60	·08	17
18		·29		·02		·11				·03	·01	·26	18
19		·02		·08		·08		·07	·25	·41	·04	·09	19
20		·05		·43			·12	·14	·45	·01		·54	20
21		·75		·10		·21		·19	·05	·10		·04	21
22	·08	·07		·05		·06	·09			·21			22
23	·01	·44		·05		·08	·01		·17	·85		·23	23
24	·14	·20		·58	·32	·78			·05	·23		·20	24
25	·01	·30		·63		·03		·10	·57	·53		·31	25
26		·01		·19		·01		·43		·60	·06	·25	26
27		·91		·18			·92	·77	·48	·01	·03	·23	27
28		·14		·34		·37	·03	·01	·16			·53	28
29		—		·36		·30	·07		·78	1·39	·01	·36	29
30		—		·01		·02				·50	·01	·01	30
31		—		—		—			—	·29	—	·12	42·68 31
Total	1·48	5·15	1·46 ~~1·26~~	3·15 ~~8·75~~	1·46 ~~1·66~~	2·61	1·35	4·27	3·80	5·33	6·28	6·34	~~[illegible]~~ ~~[illegible]~~
No. of Rain Days	17	17	13	16	9	13	9	14	11	15	22	30	186

1,000, X. '09. Waterlow and Sons Limited, Printers, London Wall, E.C.; Edward Stanford, Publisher, 12, 13 & 14, Long Acre, W.C. Price 2d.

RE

FORM A1.
BRITISH RAINFALL.
8 JAN 1912

Kept at Yealand-Conyers. -BEECHFIELD

in the County of Lancaster N3

by W. E. Roper.

RAIN GAUGE
Pattern Snowdon
Diameter of top 5 in.
Height of top above Ground 1 ft. · in.
" " " Sea Level 250 ft. 3035

Time of Observation 9. a. m.

Nearest Railway Station
Name Carnforth
Distance 2½ Direction S.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·25		·04		·05	·12			·50	·05	1
2	·03		·22		·02		·01	·03		·12	·30	·11	2
3	·01		·14		·87			·13			·78	·30	3
4			·06	·02	·01			·75			·57	·24	4
5	·25		·04					·75		·05	·04	·10	5
6			·03	·02				·77			·18	·30	6
7	·12		·01		·01						·54	·02	7
8	·15		·38								·67	·25	8
9	·07		·01								·01	·50	9
10	·29	·18	·20						·48			·43	10
11	·17	—	·01					·01			·07	·13	11
12			·09						·36		·46	·01	12
13	·01	·15			·10						·21	·24	13
14	·03	·71			·02						·56	·08	14
15	·02	·51	·02								·60	·16	15
16	·07	·41		·09		·19	·05				·03	·17	16
17	·02	·01			·07	·37					·60	·08	17
18		·29		·02		·11				·03	·01	·26	18
19		·02		·08		·08		·07	·25	·41	·04	·09	19
20		·05		·43			·12	·14	·45	·01		·54	20
21		·75		·10		·21		·19	·05	·10		·04	21
22	·08	·07		·05		·06	·09			·21			22
23	·01	·44		·05		·08	·01		·17	·85		·23	23
24	·14	·20		·58	·32	·78			·05	·23		·20	24
25	·01	·30		·63		·03		·10	·57	·53		·31	25
26		·01		·19		·01		·43		·60	·06	·25	26
27		·91		·18			·92	·77	·48	·01	·03	·23	27
28		·14		·34		·37	·03	·01	·16			·53	28
29		—		·36		·30	·07		·78	1·39	·01	·36	29
30		—		·01		·02				·50	·01	·01	30
31		—		—		—			—	·29	—	·12	31 42·68
Total	1·48	5·15	1·46 ~~1·26~~	3·15 ~~8·75~~	1·46 ~~[illegible]~~	2·61	1·35	4·27	3·80	5·33	6·28	6·34	~~[illegible]~~ ~~[illegible]~~
No. of Rain Days	17	17	13	16	9	13	9	14	11	15	22	30	186

1,000, X. '09. Waterlow and Sons Limited, Printers, London Wall, E.C.; Edward Stanford, Publisher, 12, 13 & 14, Long Acre, W.C. Price 2d.

REGISTER OF RAINFALL IN 1912

Ex. [illegible]

FORM A.
BRITISH RAINFALL.

4 - JAN

3035

Kept at Yealand Conyers

in the County of Lancaster N3

by W. E. Roper.

Lat. .... Long. ....

Time of Observation 9 am

Nearest Railway Station Carnforth.

Diameter of Rain Gauge five in.

Height of top of Gauge above Ground one ft. — in.

" " " " Sea Level 250 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·02		21	01	08	11	03	14	45			25	1
2	04		49	07	15	16	14	02	10			35	2
3	39		05	01		81	01	18	78		01	14	3
4	48		26	64	02	16		44	15		1·85	01	4
5	13		02	01	19	23		69	04	08	01		5
6	07	22	02		04	04		03		02	02		6
7		50	11	02	17		14	06	20		22	02	7
8	17	02	09	03	08	03	02		07		35	01	8
9	05	05	34	20		38		22	01		24	29	9
10	04	10	01	06	01	10	18	03			57	01	10
11	02	01	01	02	13	05	24	03				35	11
12	18		65			40	03					06	12
13	01		05			03		06		51	02	28	13
14	16		26			25		06		02		61	14
15	15	23	07		03	23		03		09		06	15
16	23	01	15		05	12		21		30	09	07	16
17	02	21	16		05	94		40		04	04	40	17
18	02	15	06			61		02		33	10	18	18
19	06	04	30			03		35		20	17	02	19
20	13	01	13		84	05	01	40		39	05	10	20
21		01	16		01	04		06		16	01	04	21
22	01	38			13	02		60			1·13	01	22
23		01	20		01	03	27	03			01	05	23
24		03	21				47	20		06	27	12	24
25		03	11			32	13	32			08	09	25
26		26	16			04	01	02		1·23	30	28	26
27		09	40		05	53	60			21	02	29	27
28		10	02			20	76	48		34	41	01	28
29		01	10			03	1·09	12	09	11		03	29
30		×	24	01	02	02	21		05	14		11	30
31		×	53	×	14	×	1·40	50	×		×	31	31
Total	2·38	2·47	5·57	1·08	2·20	5·96	5·74	5·70	1·94	4·23	5·97	4·55	YEAR'S TOTAL 47·79
Rain Days.	20	21	30	11	19	28	18	27	10	17	22	29	252

W. 7,500, XI. ·12

cnd 3. IV. 14

REGISTER OF RAINFALL IN 1913

FORM A1.
BRITISH RAINFALL.
2 JAN 1914

Kept at Yealand Conyers
in the County of Lancaster ~~W~~ R
N 3
by W. E. Roper

RAIN GAUGE
Pattern
Diameter of top 5 in.
Height of top above Ground 1 ft. in.
" " " Sea Level 250 ft. 3035

Time of Observation

Nearest Railway Station
Name
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·10	·02	·16	·03	·54						·09	(·05)	1
2	·06	·32	·40	·05	·62	·24					·26	·29	2
3	·06	·04	·31		·01	·					·02	·39	3
4	·20	·09	·12		·57	·01	·03				·11	·41	4
5	·47	·12	·36		·10	·31	·06			·02	·01	·02	5
6	·05	·33	·10		·05	·23	·33				·02	·02	6
7	·01	·47	·02		·11	·21	·01			·67		·04	7
8	—	·16	·01		·09	·22		·05	·02	·03	·03	·10	8
9	—	·17	·29	·02		·70		·47			·01	·17	9
10	·03	·86	·45	·10		·09			·02		·19	·01	10
11	·07	·01		·34		·02	·37			·17	·05	·17	11
12	·02		·01	·01			·08		·41	·01	·45	·06	12
13	—	·01	·64	·01			·03	·12	·26	·03	·36	·	13
14	·02	·01	·16	·06			·01		·03	·89	·05	·08	14
15	·05		·29	·84				·02	·01		·22	·16	15
16	·01		·20	·02			·04				·32		16
17	—		·42	·33	·04	·04	·09				·16		17
18	·09			·20	·04	·05	·05				·46		18
19	·03		·01	·14	·12	·08			·03	·27	·33		19
20	·01			·06	·06	·02	·01		·04	·21	·90		20
21	—		·05	·01	·07	·	·15	·76		·13	·03		21
22	·31		·41	·	·03			·85	·09	·01			22
23	·47		·64		·20	·22		·21	·16		·12	·08	23
24	·56	·03	·01	·09	·01	·42					·16	·09	24
25	—	·01	·01	·25			—		·94	·03	·05	·34	25
26	—	·04		·66		·04			1·29	·04	·01	·64	26
27	—	·01	·03	·59					·01	·22	·04	·08	27
28	·37			·39	·01					·03	·01		28
29	·01	—	·08	·47	·06			·13		·11	·09		29
30	·54	—	·01							·10			30
31	·05	—	·04	—		—			—	·06	—		31
Total	3·59	2·70	4·62	4·67	2·13	2·90	1·26	2·61	3·31	3·03	4·55	3·20	TOTAL for year 38·57
No. of Rain Days	23	17	26	21	18	16	13	8	13	18	27	~~26~~ 19	~~226~~ 219

1,000, X. '09. Waterlow and Sons Limited, Printers, London Wall, E.C.; Edward Stanford, Publisher, 12, 13 & 14, Long Acre, W.C. Price 2d.

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
6 - JAN 1915
3035

Kept at Yealand-Conyers
in the County of Lancaster N 3
by W. E. Roper

Lat. ______ Long. ______
Time of Observation 9 am
Nearest Railway Station 3 miles
Diameter of Rain Gauge ______ in.
Height of top of Gauge above Ground ______ ft. ______ in.
" " " " Sea Level ______ ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ______

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
1	·04	·05	·14	·01		·05	·04	·18				·06	1
2	·02	·11				·01	·42	·28		·07		·19	2
3	·14	·06	·10		·60		·03	·07		·11	·14	·88	3
4	·32		·15	·24	·21		·01					·21	4
5	·05		·42	·08	·05	·10	·25				·12	·22	5
6			·12	·05	·12	·03		·27			·09	·03	6
7	·07	·01	·17	·02	·23	·02	·01				·09	·02	7
8	1·42	·01	·11		·39	·04	·14	1·55	·56	·02	·40	·06	8
9	·52	·24		·23		·30		·04	·13		·22		9
10	·02	·11			·09				·09		·18	·01	10
11		·14	·22	·01	·04		·56		·22		·47	·12	11
12		·40	·05		·01		·07		·33		·24	·04	12
13		·16	·42	·04	·03		·01		·14	·10	·37	·13	13
14		·22	·14						·12	·02	·01	·33	14
15			·39						·22		·24		15
16		·01	·05				1·56		·72			·01	16
17	·01	·49	·12				·19		·74			1·74	17
18		·16	·13				·11		·02			·17	18
19	·01	·04	·14				·02		·06			·19	19
20		·33	·03		·07					·01		·15	20
21		·14			·01								21
22		·79	·02	·03	·30	·03		·26		·01			22
23		·17	·22	·06	·31	·12	·04	·01					23
24	·75		·25	·10	·03	·10	·15	·13			·34		24
25	·11		·01		·02		·11	·21		·70	·15	·37	25
26	·01	·03	·01				·02	·03		·25	·39	·24	26
27	·04	·01				·09			·02	·59	·50	·29	27
28	·07	·16	·07		·01	·02	·16	·02	·03	·05	·40		28
29	·24		·17		·14	·01		·30		·01	·54	·01	29
30	·65		·76	·01				·10			·16	·16	30
31	·51		·03		·01		·42			·07			31
Total	4·40	3·84 8·24	4·44 12·68	·88 13·56	2·67 16·23	·92 17·15	4·32 21·47	3·45 24·92	3·40 28·32	2·01 30·33	5·05 35·38	5·63 41·01	YEAR'S TOTAL 41·01
Rain Days.	19	22	26	12	19	13	20	14	14	13	19	23	214

1,000, XI. 13

EDWARD STANFORD, Ltd., 12, 13 & 14, Long Acre, W.C.
Waterlow and Sons Limited, Printers, London Wall, London.

Price 2d.

3201

REGISTER OF RAINFALL IN 1915

FORM A.
BRITISH RAINFALL.

7 JAN 1916

3035

Kept at Beechfield Yealand Conyers
in the County of Lancaster
by W. G. Roper

Lat. .... Long. ....
Time of Observation 9 a. m.
Nearest Railway Station Carnforth
Diameter of Funnel of Rain Gauge .... in.
Height of top of Gauge above Ground .... ft. .... in.
" " " " Sea Level .... ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·31	·50	·02	—	·32	—	·05	·25	·09	—	—	·02	1
2	·01	·62	·32	·27	—	·02	·66	·65	—	—	—	—	2
3	·27	·04	·57	·58	—	—	·56	·01	—	—	—	·31	3
4	·01	·44	·08	—	·15	—	—	—	—	—	—	·26	4
5	·17	·12	·37	—	—	·23	—	·08	—	—	—	·78	5
6	·89	·08	·05	·36	—	·02	·87	—	·05	—	·01	·44	6
7	·39	·31	—	·05	—	—	·57	·26	—	—	—	·05	7
8	·12	·24	—	·05	—	—	—	·45	—	—	1·38	—	8
9	—	·05	—	·01	—	—	—	·03	—	—	·30	·44	9
10	·53	—	·15	·10	—	—	·01	·14	—	·01	—	·31	10
11	·03	—	—	·01	·61	—	—	·25	—	—	—	·42	11
12	·23	·01	—	·07	—	—	·19	·01	—	·19	·19	·02	12
13	·21	—	·01	—	—	—	·01	·63	—	·02	—	—	13
14	·24	—	—	·13	—	—	·04	·17	·05	·02	—	·10	14
15	·93	—	—	·02	—	—	·09	·48	·14	—	·17	·44	15
16	—	·25	—	·07	·05	—	·09	·27	·02	—	—	—	16
17	—	·25	—	—	·02	—	·07	—	—	·01	—	—	17
18	·02	·21	·03	—	—	—	·03	—	—	—	—	—	18
19	·04	·18	·12	·17	·01	—	·28	—	—	—	—	—	19
20	·28	·02	·01	·02	·05	—	·04	·02	—	—	—	·20	20
21	·01	·05	—	·20	—	—	·26	—	—	—	—	·15	21
22	—	—	·13	—	—	·03	·01	—	—	—	—	·06	22
23	—	—	·07	·02	—	—	·15	—	·06	·02	—	·39	23
24	—	—	·05	—	—	—	·02	—	·43	·01	—	·41	24
25	—	—	—	—	—	—	21	—	—	—	—	·05	25
26	—	·64	—	—	—	·09	·31	—	—	—	—	·35	26
27	—	·06	—	—	—	·11	·25	—	—	·39	—	·37	27
28	—	·11	—	—	—	—	·01	·42	—	·44	—	·02	28
29	—		—	—	·04	·12	—	—	—	—	·18	·09	29
30	—	X	—	·30	—	·02	—	—	—	—	·02	—	30
31	·09	X	·01	X	—	X	—	·44	X	—	X	·31	31
Total	4·78	4·18	1·99	2·43	1·25	·64	4·28	4·56	·84	1·11	2·25	5·99	YEAR'S TOTAL 34·30
Rain Days.	19	8·96 19	10·95 15	13·38 17	14·63 8	15·27 8	19·55 23	24·11 17	24·95 7	26·06 9	28·31 7	34·30 23	172

W. 8,000. X. 15.

ed

3130

REGISTER OF RAINFALL IN 1916

FORM A.
BRITISH RAINFALL.

18 JAN 1917

Kept at Beechfield. Yealand-Conyers
in the County of Lancaster
by W. E. Roper

Lat. Long.
Time of Observation 9 am
Nearest Railway Station Carnforth
Diameter of Funnel of Rain Gauge in. 3035
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·39	—	—	—	—	·17	·43	·02	—	—	·28	—	1
2	·09	·14	—	—	—	·05	—	—	·29	·26	·07	—	2
3	—	·01	—	·07	—	·01	·10	—	·99	·17	·18	·06	3
4	·09	·14	—	—	·55	·33	·01	—	—	·50	·12	—	4
5	·32	·34	—	—	·14	·25	—	—	—	·92	·39	—	5
6	·33	·40	—	—	·34	·09	·28	—	—	·41	·18	·01	6
7	·05	·11	—	—	·35	·04	·76	—	—	·48	·12	·26	7
8	·01	·04	—	—	·41	·06	—	—	—	·02	·16	·01	8
9	·02	—	—	—	—	·02	·06	—	—	—	·08	—	9
10	·08	·09	—	·16	—	·24	·08	—	·01	·48	·09	·02	10
11	·08	·37	—	·52	·01	—	·46	—	·10	·18	·01	—	11
12	·12	·14	·02	·09	·31	—	·47	·06	·02	·12	·03	·01	12
13	—	·07	·01	·04	—	—	—	·74	—	·75	·01	·02	13
14	·04	·16	—	·07	·59	—	—	·96	·04	·29	—	—	14
15	·02	·44	·06	·09	—	—	·07	1·01	·03	·23	—	—	15
16	·01	·13	·47	·43	—	—	·06	·01	—	·06	—	—	16
17	·31	·19	—	·38	—	—	—	—	1·11	·11	—	—	17
18	·01	·40	—	·16	—	—	·02	·27	·31	·19	—	·14	18
19	·31	—	·22	—	—	—	—	·17	—	—	·23	·35	19
20	·47	—	·13	·06	—	—	·02	—	—	—	·11	·13	20
21	·32	—	—	·04	·11	—	—	—	—	—	·07	·01	21
22	—	—	—	·10	—	·09	·19	—	—	·05	·24	—	22
23	·11	—	·04	·06	—	·01	—	—	—	·20	·12	·14	23
24	·01	—	·10	·01	·15	·15	—	·27	—	·09	·01	·11	24
25	—	—	·12	—	—	·06	—	·57	—	·04	·32	·04	25
26	·16	·01	·16	—	—	—	—	—	·01	·06	—	—	26
27	—	—	—	—	·05	—	—	·10	·06	·15	·03	—	27
28	·29	—	—	—	—	—	—	—	—	·22	·10	·95	28
29	·07	—	·01	—	—	·07	—	—	—	·26	·29	·37	29
30	·12	X	—	—	—	·01	·02	—	—	·61	·05	·13	30
31	—	X	—	X	·92	X	—	·47	X	·37	X	·32	31
Total	3·83	3·18	1·34	2·28	3·93	1·65	3·63	4·65	2·97	7·22	3·29	3·08	YEAR'S TOTAL 40·45
Rain Days.	25	17	11	15	12	16	15	12	11	26	24	18	202

W. 8,000, VIII. 16

2979

FORM A.
BRITISH RAINFALL.

3. JAN 1918
3035

REGISTER OF RAINFALL IN 1917

Kept at Beechfield, Yealand-Conyers
in the County of Lancaster
by Mrs Roper.

Lat. Long.
Time of Observation 9 am
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·02	—	—	—	—	·32	—	—	·21	—	·22	·09	1
2	·72	—	—	—	—	·01	—	—	·62	·02	—	—	2
3	·09	·03	—	—	—	·65	—	—	—	·76	·12	·02	3
4	·01	—	—	—	—	—	—	—	—	·02	·01	—	4
5	·24	—	·01	·11	—	—	—	—	·01	·04	·85	·20	5
6	·01	—	—	·03	—	·18	—	—	—	·18	·34	·19	6
7	·34	—	—	—	—	·14	—	—	—	·51	·09	·10	7
8	·22	—	—	·08	—	·03	—	·51	·10	·47	·20	·08	8
9	—	—	—	·11	·03	—	—	·93	—	·23	·52	·01	9
10	·34	—	·44	·13	·27	—	—	·26	—	·01	—	—	10
11	·03	—	—	—	·07	—	—	·67	—	·39	·01	—	11
12	—	·03	·08	—	·57	—	—	·01	—	·24	—	·01	12
13	—	—	—	·12	—	—	—	·14	1·09	·02	·12	·27	13
14	—	—	—	·05	·01	—	—	·17	—	—	—	·18	14
15	—	—	—	·09	—	—	·02	—	·69	·03	—	·28	15
16	—	·01	·01	·40	—	—	—	·87	·18	·11	·01	·01	16
17	—	·26	·18	·09	·04	—	·02	1·50	·14	·16	—	—	17
18	—	·05	·11	·02	—	—	·66	·10	·42	·01	·06	—	18
19	—	·09	·11	—	·45	·02	—	—	—	—	·02	·02	19
20	—	·55	—	—	·11	·91	—	·71	·20	·20	·19	·05	20
21	—	·01	·01	—	·11	—	—	·10	·09	·10	—	—	21
22	—	—	—	—	—	—	—	·14	·07	·61	·04	—	22
23	—	·07	—	—	·22	·55	·01	·49	·04	·04	·01	·02	23
24	—	—	—	—	—	·01	·09	·26	—	·80	—	—	24
25	—	·08	—	—	·06	—	·01	·17	·26	·21	·19	—	25
26	—	—	—	—	—	—	·01	·64	·39	·20	1·08	—	26
27	—	—	·10	·01	·13	·16	·64	·34	—	·05	·16	—	27
28	—	—	·22	—	—	—	—	·05	·06	·08	·01	—	28
29	—		—	—	—	—	·14	·61	—	·49	—	—	29
30	—	X	—	—	—	—	—	·01	—	·15	·11	—	30
31	—	X	·25	X	·24	X	—	·34	X	—	X	—	31
Total	2·02	1·18	1·52	1·24	2·31	2·98	1·60	8·42	3·97	6·13	4·36	1·53	YEAR'S TOTAL 37·26
Rain Days.	10	10	11	12	13	11	9	22	16	27	21	15	177

W. 8,000, IX. 17.

3035

FORM A.
BRITISH RAINFALL
9.1.19

REGISTER OF RAINFALL IN 1918

Kept at Beechfield, Yealand-Conyers
in the County of Lancaster
by Mrs Roper

Lat. Long.
Time of Observation 9 am
Nearest Railway Station Carnforth
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 250 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		·15		·02					·18	·09	·27	·25	1
2				·07					·31	·68	·12	·84	2
3	·01	·05			·15					·70	·07	·57	3
4		·06			·09			·12	·18	·58	·17	·10	4
5		·10	·01	·18	·21			·94		·75	·05		5
6	·01	·04		·18		·55		·02	·02	·18		·02	6
7		·09					·24	·17	·28	·04	·23		7
8	·32		·05				·07	·04	·37	·07	·13	·03	8
9		·44	·02	·02			·02		·88	·60	·09		9
10		·19	·16				·09		·38	·42	·38	·05	10
11	·25	·09	·04		·07		·39	·02	·40			·28	11
12		·05			·01				·15			·28	12
13					·12				·39	·41		·04	13
14	·70					·06	·24	·11	·41	·01		·07	14
15	·01					·10	·61		1·75	·01		·84	15
16	·03	·02				·53	·57	·20	·44			·19	16
17	·04					·20	·76	·18	·29	·27		·22	17
18	·30					·01	·46	·05	·08	·01		·36	18
19	·05	·18	·06		·19	·10	·26	·45	·13	·02		·47	19
20	·04	·07		·14			·77	·02	·21				20
21	·06					·11			1·11				21
22	·10				·10	·04	·23	·03	·49			·55	22
23	·10				·03		·60		·15		·02	·19	23
24		·02					·01	·18	·49		·05		24
25		·01			·23		·18	·57	·21		·02		25
26		·03					·01	·03	·41	·18		·12	26
27		·08	·37			·08		·77	·06	·12	·25	·66	27
28		·02				·01		·01	·26		·14	·45	28
29								·04	·09		·04	·37	29
30		×	·06					·12				·01	30
31		×	·18	×		×		·15	×	·04	×	·01	31
Total	2·02?	1·69? ~~1·74~~	·95	·63	1·20	1·79	5·51	4·22	10·12 ~~10·32~~	5·18 ~~5·19~~	2·03 ~~1·83~~	6·97	YEAR'S TOTAL 42·31 ~~42·34~~
Rain Days.	14	18	9	6	10	11	17	21	27	19	15	24	191

W, 6,500, VII. 18. W W C

2822
3035

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Beechfield - Yealand - Conyers

in the County of Lancaster

by Mr. Roper.

Lat. Long.

Time of Observation 9 am

Nearest Railway Station Carnforth

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 7 ft – in.

„ „ „ „ Sea Level 250 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·46		·02		·35		·07	·07	·96	·41		·10	1
2	·17		·16		·01		·03	·01	·09			·12	2
3	·81			·01	·14	·12	·04				·01	·15	3
4	·08		·08		·26	·01	·17	·37	·03		·04	·07	4
5					·28				·06			·14	5
6	·02		·19		·12				·05	·05		·11	6
7	·03			·12		·05			·04		·06		7
8	·09		·02	·02				·09	·01				8
9	·31		·21	·01					·01		·02		9
10	·01		·64		1·20							·26	10
11	·03		·27		·12		·12			·08		·07	11
12					·02	·36	·15		·01	·01	·17	·01	12
13	·42			·20		·04		·06		·26		·18	13
14	·29							·02				·11	14
15	·46							·01			·13	·25	15
16	·10					·01						·01	16
17				·02		·02	·01	·92	·01		·61	·01	17
18			·20				·17	·40	·14		·09	·21	18
19		·20	·01			·73		·32	·03		·22	·05	19
20	·01	·21				·14			·03		·11	·07	20
21		·07						·30	·20		·11	·34	21
22		·10				·25		·33	·21	·06	·15	·25	22
23						·06				1·17	·07	·04	23
24	·06			·01	·09	·04		·01		·25	·20	·20	24
25	·09			·17	·10	·18		·94	·58			·30	25
26	·02	·01	·35			·02	·11	·21	·04				26
27				·04				·01					27
28						·02		·96	·41			·34	28
29				·02				·13	·35	·15		·16	29
30			·02	·08		·07		·23		·04	·25	·65	30
31							·38						31
TOTAL	3·46	·59	2·17	·70	2·69	2·12	1·25	5·39	3·26	2·48	2·24	4·20	YEAR'S TOTAL 30·55
Days with ·01 in. or more	18	5	12	11	11	16	10	19	19	10	15	25	171

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

2708

3035

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 192.....

Kept at Beechfield, Yealand Conyers

in the County of Lancaster

by Mrs Roper.

Lat. .... Long. ....

Time of Observation 9 a.m.

Nearest Railway Station Carnforth

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level 250 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·03		·16	·24	·29		·30	·02	·05	·01	·01	·10	1
2			·01	·03	·01		·25		·56	·10		·30	2
3			·46	·04	·13		·13	·23	·56	·27		·35	3
4				·02			·24	·60	·02	·21		·04	4
5			·15	·01	1·82		·11	·18	·06	·26	·01		5
6	·01		·12	·22	·77		·08			·02	·04		6
7		·03	·10	·11	·65		·13		·01		·14		7
8	·31	·03		·16	·18		·60	·20	·02		1·10	·01	8
9	·18	·66	·03	·30			·13		·04		·14	·02	9
10	·83	·25	·09	·31			·21	·03			·01	·04	10
11	·10	·01			·53				·01				11
12	·27	·09	·35	·05	·02	·12	·15		·02		·28	·09	12
13	·09	·02	·10	·12		·26	·18				·22	·17	13
14	·03	·09	·06	·26		·17	·13		·40	·20	·63		14
15	·07	·13		·66				·01	·46	·13	·02		15
16			·14	·21	·12		·40				·21		16
17	·02		·08		·16			·86	·26		·01		17
18	·25	·02		·03	·46			·03	·04				18
19	·02	·40		·06	·03	·27	·30	·01					19
20	·03			·16					·40			·04	20
21							·05		·02			·05	21
22	·34			·22	·01		·45						22
23			·17	·18			·20					·10	23
24	·03		·70	·26		·04	·06	·02				·28	24
25		·11	·07	·05		·13	·34		·04			·10	25
26	·09	·05	·67	·25			·12		·10		·04	·02	26
27		·13	·19	·05	·29	·56	·10				·10	·08	27
28	·08		·14	·57		·30	·31				·02	·34	28
29	·07	·46	·19		·58	·02	·75				·14	·52	29
30	·14	☒	·13		·04	·25			·08		·11	·28	30
31	·07	☒	·10	☒	·09	☒	·06		☒		☒	·13	31
Total	3·06	2·48	4·21	4·57	5·58	2·12	5·78	2·19	3·15	1·20	3·23	3·06	Year's Total 40·63
Days with ·01 in. or more	20	15	22	25	18	10	25	11	19	8	18	20	212
Days with ·04 in. or more	14	10	20	21	14	9	25	5	12	6	12	17	165

LANCASHIRE

YEALAND CONYERS

MORECAMBE LO

1911 - 1920

3036

FORM A2.
BRITISH RAINFALL

8 - JAN 1912

RE 911

Kept at Yealand C ... p 5 in.

... bove Ground 1 ft. in.

in the County of Lanc ... „ Sea Level 278 ft.

... 9 a.m.

by John Rawli ... Name Carnforth

Distance 2¾ Miles Direction S

IMPORTANT NOTE. ... nd the result entered to the previous day. If an Obse ... niversal rule, he is earnestly requested to add the readin ... year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·02	·00	·31	·00	·02	·00	·05	·12	·00	·00	·55	·11	1
2	·01	·00	·03	·00	·28	·00	·00	·04	·00	·15	1·13 }	·09	2
3	·00	·00	·20	·00	·78	·00	·00	·07	·02	·01		·31	3
4	·29	·00	·07	·00	·01	·00	·05	·88	·00	·00	·62	·27	4
5	·00	·00	·08	·00	·90	·00	·00	·69	·00	·00	·05	·10	5
6	·00	·00	·00	·00	·02	·00	·00	·80	·00	·00	·20	·27	6
7	·00	·00	·05	·03	·02	·00	·00	·01	·00	·00	·54	·04	7
8	·07	·00	·42	·01	·00	·00	·00	·00	·00	·00	·55	·47	8
9	·03	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·36	9
10	·60	·21	·08	·00	·00	·00	·00	·00	·00	·00	·00	·55	10
11	·02	·00	·01	·00	·00	·00	·00	·04	·51	·00	·11	·09	11
12	·00	·00	·02	·00	·01	·00	·00	·00	·81	·00	·49	·30	12
13	·01	·12	·00	·00	·10	·00	·00	·00	·00	·00	·25	·00	13
14	·03	·69	·00	·00	·05	·00	·00	·00	·00	·00	·58	·00	14
15	·02	·61	·01	·01	·00	·00	·00	·00	·00	·00	·69	·20	15
16	·02	·44	·00	·10	·00	·35	·05	·00	·00	·00	·08	·21	16
17	·02	·02	·01	·00	·00	·43	·00	·00	·00	·00	·55	·10	17
18	·00	·32	·00	·06	·05	·22	·01	·00	·00	·08	·05	·12	18
19	·00	·10	·00	·07	·01	·05	·01	·08	·25	·50	·01	·10	19
20	·00	·10	·00	·44	·00	·01	·10	·16	·50	·01	·00	·56	20
21	·01	·74	·00	·17	·00	·23	·08	·17	·05	·11	·00	·05	21
22	·11	·10	·00	·10	·00	·05	·00	·00	·00	·46	·00	·01	22
23	·01	·34	·00	·07	·30	·24	·04	·00	·20	·70	·00	·35	23
24	·12	·27	·02	·60	·05	·83	·00	·10	·05	·28	·00	·22	24
25	·02	·33	·00	·61	·00	·05	·00	·01	·69	·61	·00	·17	25
26	·00	·05	·00	·16	·00	·00	·00	·43	·01	·68	·00	·26	26
27	·01	·97	·00	·20	·01	·09	·04	·84	·39	·00	·03	·33	27
28	·00	·15	·00	·50	·00	·39	·00	·00	·29	·29	·02	·45	28
29	·00	~~·00~~	·00	·25	·00	·33	·02	·01	·89	1·53	·00	·37	29
30	·00	~~·00~~	·00	·02	·01	·03	·08	·00	·00	·55	·02	·02	30
31	·00	~~·00~~	·02		·00		·00	·00		·29		·15	31
Total	1·42	5·56	1·34	3·40	2·62	3·30	·53 ·53	4·45	4·66	6·25	6·52	6·63	46·68 Total for year 46·68
No. of Rain Days	18	17	15	17	16	14	11	16	13	15	20	29	201

9,000, IX. '10.

3036

FORM A2. BRITISH RAINFALL

8 - JAN 1912

REGISTER OF RAINFALL IN 1911

Kept at Yealand Conyers

in the County of Lancaster N3

by John Rawlinson Ford

RAIN GAUGE
Pattern
Diameter of top 5 in.
Height of top above Ground 1 ft. in.
" " " Sea Level 278 ft.

Time of Observation 9 a.m.

Nearest Railway Station
Name Carnforth
Distance 2¾ Miles Direction S

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·02	·00	·31	·00	·02	·00	·05	·12	·00	·00	·55	·11	1
2	·01	·00	·03	·00	·28	·00	·00	·04	·00	·15	1·13	·09	2
3	·00	·00	·20	·00	·78	·00	·00	·07	·02	·01		·31	3
4	·29	·00	·07	·00	·01	·00	·05	·88	·00	·00	·62	·27	4
5	·00	·00	·08	·00	·90	·00	·00	·69	·00	·00	·05	·10	5
6	·00	·00	·00	·00	·02	·00	·00	·80	·00	·00	·20	·27	6
7	·00	·00	·05	·03	·02	·00	·00	·01	·00	·00	·54	·04	7
8	·07	·00	·42	·01	·00	·00	·00	·00	·00	·00	·55	·47	8
9	·03	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·36	9
10	·60	·21	·08	·00	·00	·00	·00	·00	·00	·00	·00	·55	10
11	·02	·00	·01	·00	·00	·00	·00	·04	·51	·00	·11	·09	11
12	·00	·00	·02	·00	·01	·00	·00	·00	·81	·00	·49	·30	12
13	·01	·12	·00	·00	·10	·00	·00	·00	·00	·00	·25	·00	13
14	·03	·69	·00	·00	·05	·00	·00	·00	·00	·00	·58	·00	14
15	·02	·61	·01	·01	·00	·00	·00	·00	·00	·00	·69	·20	15
16	·02	·44	·00	·10	·00	·35	·05	·00	·00	·00	·08	·21	16
17	·02	·02	·01	·00	·00	·43	·00	·00	·00	·00	·55	·10	17
18	·00	·32	·00	·06	·05	·22	·01	·00	·00	·08	·05	·12	18
19	·00	·10	·00	·07	·01	·05	·01	·08	·25	·50	·01	·10	19
20	·00	·10	·00	·44	·00	·01	·10	·16	·50	·01	·00	·56	20
21	·01	·74	·00	·17	·00	·23	·08	·17	·05	·11	·00	·05	21
22	·11	·10	·00	·10	·00	·05	·00	·00	·00	·46	·00	·09	22
23	·02	·34	·00	·07	·30	·24	·04	·00	·20	·70	·00	·35	23
24	·12	·27	·02	·60	·05	·83	·00	·10	·05	·28	·00	·22	24
25	·02	·33	·00	·61	·00	·05	·00	·01	·69	·61	·00	·17	25
26	·00	·05	·00	·16	·00	·00	·00	·43	·01	·68	·00	·26	26
27	·01	·97	·00	·20	·01	·09	·04	·84	·39	·00	·03	·33	27
28	·00	·15	·00	·50	·00	·39	·00	·00	·29	·29	·02	·45	28
29	·00	~~·00~~	·00	·25	·00	·33	·02	·01	·89	1·53	·00	·37	29
30	·00	~~·00~~	·00	·02	·01	·03	·08	·00	·00	·55	·02	·02	30
31	·00	~~·00~~	·02		·00		·00	·00		·29		·15	31
Total	1·42	5·56	1·34	3·40	2·62	3·30	·53 ·53	4·45	4·66	6·25	6·52	6·63	46·68 Total for year 46·[illegible]
No. of Rain Days	18	17	15	17	16	14	11	16	13	15	20	29	201

9,000, IX. '10.

cnd by new stats 14.iii.13 ~~W~~ D11 3036

FORM A2. BRITISH RAINFALL. 6 JAN 1913

REGISTER OF RAINFALL IN 1912

6 Kept at Yealand Conyers

in the County of Lancaster N3

by John Rawlinson Ford

Rain Gauge
Pattern
Diameter of top 5 in.
Height of top above Ground 1 ft. in.
" " " Sea Level 278 ft.

Time of Observation 9 a.m.

Nearest Railway Station
Name Carnforth
Distance 2¾ M Direction S

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·02	·00	·21	·01 ~~·08~~	·00	·16	·03	·08	·48	·00	·00	·00	1
2	·05	·09	·56	·07	·25	·16	·14	·02	·08 ~~·72~~	·00	·00	·03	2
3	·38	·00	·01	~~·90~~ 00	·01	·78	·03	·22	·64	·00	·02	·77	3
4	·51	·00	·25	~~·63~~ 63	03	·20	·00	1·07	~~·20~~ ·15	·00	1·87	·03	4
5	·10	·00	·02 ~~·05~~	·00	·25	·22	·00	~~·15~~ ·14	·05	·10	·00	·02	5
6	·12	·30	·03	·00	·05	·03	·00	·01 ~~·00~~	·01	·01	·03	·00	6
7	·00	·35	·14	·06	·18	·00	·16	·06	·25	·00	·29	·00	7
8	·29	·17	·01	·01	·08	·03 ~~·43~~	10 (·30)	·00	·03	·00	·31	·05	8
9	·09	·16	·43	·25	·00	·40	·00	·17	·00	·00	·24	·30	9
10	·06	·01	·01	·00	·01 ~~·14~~	·12	·00	·04	·00	·00	·57	·05	10
11	·05	·00	·00	·08	·13	·10	·18	·05	·00	·00	·00	·41	11
12	·19	·00	·65	·00	·00	·55	·00	·00	·00	·03	·00	·14	12
13	·03	·01	~~·38~~ 06	·00	·00	·09	·00	~~·13~~ ·06	·00	·54	·00	·31	13
14	·14	·00	·29 ~~·04~~	·00	·00	·28	·00	·07	·00	·03	·00	·49	14
15	·20	·29	·07	·00	·04	·24	·00	~~·29~~ ·03	·00	·10	·04	·07	15
16	·34	·00	·14	·00	·00	·12	·00	·26	·00	·32	·07	·10	16
17	·03	·31	·16	·00	·07	·32	·00	·40	·00	·07	·03	·41	17
18	·05	·09	·03	·00	·00	·21	·00	·02	·00	·34	19	·22	18
19	·05	·05	·40	·00	·00	·04	·00	·72	·00	·32	·15	·02	19
20	·05	·00	·10	·00	·90	·05	·00	11	·00	·25	·05	·10	20
21	·01	·02 ~~·44~~	·22	·00	·03	·03	·00	·09	·00	·18	·02	·05	21
22	·01	·42	·01	·00	·15	·02	·00	·52	·00	·00	·38	·05	22
23	·00	·02	·23	·00	·02	·04	·28	·40	·00	·00	·72	·00	23
24	·01	·08	·11	·00	·00	·15	·47	·04	·00	·07	·06	·17	24
25	·00	·03 ~~·30~~	·10	·00	·00	·25	·15	·20	·00	·00	·47	·00	25
26	·00	·27	·15	·00	·00	·06	·26	·03	·00	1·29	·15	·42	26
27	·00	·10	·42	·00	·04	·77	·38	·00	·00	·24	·05	·35	27
28	·00	·10	·03	·00	·00	·21	·92	·52	·00	·37	·42	·05	28
29	·00	·05	·09	·00	·00	·00	·80	·10 ~~·10~~	·15	·25	·00	·00	29
30	·00	X	·67	·02	·04	·02	·20	·00	·03	·02	·00	·14	30
31	·00	X	·05	X	·10	X	1·48	·57	X	·00	X	·40	31
Total	2·78	2·92	5·65	1·13	2·38	6·65	5·58	5·94	1·87	4·53	6·13	5·15	TOTAL for year 50·71
No. of Rain Days.	~~20~~ 22	20	30	8	18	28	15	28	10	18	21	25	243

W. 8,000, X. '11.

Apportioned using 3035. Jln. 2/12/68. hn08

Gee 811

3036

FORM A2.
BRITISH RAINFALL.

17 FEB 1914

REGISTER OF RAINFALL IN 1913

✓

Kept at Yealand Conyers
in the County of Lancaster N 3
by John Rawlinson Ford

Rain Gauge
Pattern
Diameter of top 5 in.
Height of top above Ground 1 ft. in.
" " " Sea Level 278 ft.

Time of Observation 9. a. m
Nearest Railway Station
Name Carnforth
Distance 2¾ M Direction S.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·08	·00	·16	·02	·00	·00	·00	·00	·00	·00	·08	·10	1
2	·08	·43	·61	·05	·00	·28	·00	·00	·00	·00	·28	·33	2
3	·05	·05	·09	·00	·55	·00	·00	·00	·00	·00	·03	·40	3
4	·28	·14	·00	·00	·04	·03	·05	·01	·03	·00	·14	·42	4
5	·40	·13	·02	·00	·02	·31	·05	·00	·00	·03	·02	·02	5
6	·06	·35	·33	·00	·63	·22	·31	·00	·00	·00	·04	·02	6
7	·02	·40	·01	·00	·11	·41	·02	·00	·00	·75	·00	·08	7
8	·00	·16	·~~64~~16	·00	·60	·01	·02	·08	·03	·02	·04	·15	8
9	·00	·30	·19	·04	·00	·76	·10	·37	·00	·00	·07	·12	9
10	·08	·75	·47	·15	·15	·10	·00	·00	·02	·12	·18	·00	10
11	·22	·00	·08	·32 ~~·33~~ }	·02	·05	·18	·00	·00	·06	·26	·20	11
12	·02	·00	·00	·01 }	·00	·00	·04	·11	·40	·00	·31	·08	12
13	·06	·03	·64	·03	·00	·00	·03	·03	·28	·34	·37	·00	13
14	·03	·00	·26	·07	·00	·00	·00	·00	·02	·60	·06	·07	14
15	·00	·00	·17	·85	·00	·00	·00	·02	·10	·00	·24	·15	15
16	·00	·00	·20	·04	·00	·08	·05	·00	·00	·00	·30	·02	16
17	·00	·00	·00	·38	·04	·09	·10	·00	·00	·00	·45	·00	17
18	·11	·00	·46	·23	·00	·06	·06	·00	·00	·00	·21	·00	18
19	·05	·00	·00	·13	·24	·00	·01	·00	·07	·24	·35	·00	19
20	·01	·00	·01	·06	·03	·04	·00	·01	·00	·23	·16	·00	20
21	·00	·00	·05	·00	·08	·00	·17	·83	·00	·15	·00	·00	21
22	·42	·00	·46	·00	·20	·14	·00	·89	·14	·00	·00	·00	22
23	·66	·00	·02	·00	·21	·09	·00	·13	·16	·00	·18	·11	23
24	·33	·05	·00	·11	·00	·48	·00	·00	~~1·05~~0	·00	·14	·10	24
25	·00	·00	·00	·16	·00	·00	·00	·00	~~·00~~ 1·05	·03	·07	·40	25
26	·00	·06	·02	·80	·00	·05	·00	·00	1·25	·05	·05	·61	26
27	·00	·00	·00	·43	·00	·02	·00	·00	·00	·26	·00	·10	27
28	·44	·00	·05	·43	·03	·00	·00	·00	·00	·04	·00	·01	28
29	·00	X	·11	·53	·07	·00	·00	·15	·00	·19	·10	·00	29
30	·59	X	·00	·00	·01	·00	·00	·00	·00	·12	·01	·00	30
31	·04	X	·05	X	·00	X	·00	·00	X	·00	X	·00	31
Total	4·03	2·85	4·62	4·84	3·03	3·22	1·19	2·63	3·55	3·23	4·14	3·49	TOTAL for year
No. of Rain Days.	21	12	23	20	17	18	14	11	12	16	25	20	40·82 209

W. 8,000, X. '11.

Ex. m.g.

3036

FORM A. BRITISH RAINFALL.
-2 FEB 1915

REGISTER OF RAINFALL IN 1914

Kept at Yealand Conyers

in the County of Lancaster N 3

by John Rawlinson Ford

Lat. Long.

Time of Observation 9 a.m

Nearest Railway Station Carnforth

Diameter of Rain Gauge 5 - in.

Height of top of Gauge above Ground 1 ft. in.

" " " " Sea Level 278 - ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·02	·05	·10	·00	·00	·06	·21	·23	·00	·01	·00	·06	1
2	·00	·12	·02	·02	·07	·00	·38	·27	·00	·16	·15	·16	2
3	·26	·05	·12	·00	·56	·00	·01	·01	·00	·00	·01	1·00	3
4	·24	·00	·15	·26	·15	·01	·03	·00	·01	·00	·05	·26	4
5	·04	·00	·47	·06	·06	·10	·28	·02	·00	·00	·13	·18	5
6	·00	·00	·09	·05	·22	·05	·00	·29	·00	·00	·08	·05	6
7	·14	·00	·24	·00	·24	·01	·02	·20	·00	·00	·08	·02	7
8	1·43	·00	·07	·00	·38	·05	·16	1·50	·64	·05	·41	·08	8
9	·53	·28	·00	·25	·00	·31	·00	·00	·14	·00	·22	·01	9
10	·00	·15	·00	·00	·10	·00	·00	·00	·22	·00	·27	·00	10
11	·00	·17	·26	·02	·02	·00	·58	·00	·09	·00	·48	·21	11
12	·00	·41	·16	·00	·04	·00	·07	·00	·30	·00	·45	·09	12
13	·00	·17	·32	·05	·05	·00	·02	·00	·18	·15	·15	·12	13
14	·00	·22	·14	·00	·00	·00	·00	·00	·26	·00	·14 ~~·27~~	·30	14
15	·00	·00	·42	·00	·00	·00	·00	·00	·06	·00	·13	·01	15
16	·01	·17	·03	·00	·00	·00	1·44	·00	1·38	·00	·00	·02	16
17	·01	·50	·15	·00	·00	·00	·29	·00	·05	·02	·00	1·77	17
18	·01	·20	·11	·00	·00	·00	·03	·00	·02	·00	·00	·13	18
19	·00	·05	·15	·00	·00	·00	·03	·00	·06	·00	·01	·32	19
20	·00	·35	·02	·00	·09	·01	·00	·00	·00	·01	·00	·02	20
21	·00	·23	·00	·00	·00	·05	·01	·01	·00	·03	·00	·00	21
22	·00	·75	·07	·04	·63	·06	·00	·37	·00	·01	·00	·00	22
23	·00	·16	·25	·08	·03	·10	·06	·02	·00	·01	·00	·00	23
24	·75	·00	·26	·09	·02	·10	·19	·12	·00	·00	·38	·00	24
25	·07	·00	·10	·00	·00	·00	·06	·28	·01	·72	·17	·48	25
26	·00	·05	·01	·00	·00	·00	·04	·01	·00	·28	·38	·28	26
27	·06	·02	·01	·00	·00	·09	·00	·00	·04	·57	·48	·25	27
28	·09	·18	·21	·00	·05	·00	·07	·05	·01	·02	·62	·03	28
29	·27	×	·06	·00	·12	·00	·01	·30	·00	·00	·57	·00	29
30	·03	×	·89	·02	·00	·00	·00	·08	·00	·00	·17	·19	30
31	·55	×	·00	×	·01	×	·52	·00	×	·08	×	·00	31
Total	4·51	4·28	4·82	·94	2·84	1·00	4·51	3·76	3·47	2·12	5·53	6·04	YEAR'S TOTAL 43·82
Rain Days.	17	20	27	11	18	13	22	16	16	14	22	24	220

W. 8,000. X. 14.

3202
3036

FORM A. BRITISH RAINFALL.
18 JAN 1916

REGISTER OF RAINFALL IN 1915

Kept at Yealand Conyers
in the County of Lancaster N
by John Rawlinson Ford

Lat. .... Long. ....
Time of Observation 9-am.
Nearest Railway Station Carnforth
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 2 in.
" " " " Sea Level 278 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·37	·54	·04	·00	·46	·00	·12	·26	·04	·00	·00	·36 ~~·36~~	1
2	·00	·64	·42	·35	·00	·04	·61	~~·61~~ ·39	·00	·01	·00	–	2
3	·29	·13	·58	·56	·00	·01	·49	·43	·00	·00	·04	·39	3
4	·02	·36	·10	·00	·19	·25	·00	·00	·00	·00	·01	~~1·07~~ ·30	4
5	·19	·19	·41	·00	·10	·00	·00	·10 ~~·12~~	·00	·00	·00	~~·00~~ ·77	5
6	·93	·07	·00	·45	·00	·03	·55	·02	·07	·00	·01	·33	6
7	·43	·38	·00	·05	·00	·00	·51	·28	·00	·01	·01	·09	7
8	·11	·24	·00	·06	·00	·00	·00	·34	·00	·00	·00	·00	8
9	·00	·05	·00	·01	·00	·00	·04	·04	·00	·01	1·28	·55	9
10	·53	·00	·00	·10	·00	·00	·10	·13	·00	·04	·31	·35	10
11	·04	·00	·16	·00	·74	·00	·14	·00	·00	·00	·00	·25	11
12	·32	·04	·00	·07	·00	·00	·05	·01	·00	·20	·25	·00	12
13	·15	·01	·01 mist	·10	·00	·00	·11	·62	·00	·04	·00	·08	13
14	·35	·00	·00	·12	·02	·00	·05	·20	·30	·01	·00	·10	14
15	·86	·00	·00	·10	·00	·00	·10	·75 Thunderstorm	·15	·00	·21	·01	15
16	·00	·45	·00	·02	·08	·00	·08	·21	·05	·00	·00	·00	16
17	·00	·18	·10	·00	·04	·00	·06	·00	·00	·01	·00	·00	17
18	·00	·27	·05	·01	·00	·00	·26	·00	·00	·01	·00	·00	18
19	·24	·09	·12	·25	·04	·00	·05	·00	·00	·00	·00	·00	19
20	·05	·04	·02	·10	·05	·00	·33	·02	·00	·00	·00	·26	20
21	·31	·04	·00	·21	·00	·00	·10	·00	·00	·00	·00	·10	21
22	·00	·00	·15	·00	·00	·05	·08	·00	·10	·01	·49	·20	22
23	·00	·00	·09	·05	·00	·01	·02	·00	·00	·05	·00	·48	23
24	·00	·00	·07	·02	·00	·00	·24	·00	·43	·00	·00	·45	24
25	·00	·00	·00	·00	·00	·02	·29	·00	·00	·00	·00	·16	25
26	·00	·62	·00	·00	·00	·09	·29	·00	·00	·00	·00	·50	26
27	·00	·06	·00	·00	·00	·11	·03	·00	·00	·45	·00	·18	27
28	·00	·09	·02	·00	·04	·12	·00	·48	·00	·34	·03	·04	28
29	·00	X	·00	·00	·02	·01	·01	·02	·00	·01	·29	·13	29
30	·00	X	·00	·20	·00	·01	·05	·00	·00	·00	·03	·03	30
31	·16	X	·00	X	·00	X	·00	·59	X	·00	X	·63	31
Total	5·35	4·49	2·34	2·83	1·78	·75	4·76	4·89	1·14	1·20	2·96	6·74	YEAR'S TOTAL 39·23
Rain Days.	17	20	15	19	11	12	26	18	7	14	12	24	195

W. 8,000. X. 15.

3131
3036

BRITISH RAINFALL FORM A.
20. MAR 1917

REGISTER OF RAINFALL IN 1916

Kept at Yealand Conyers
in the County of Lancaster
by John Rawlinson Ford

Lat. ______ Long. ______
Time of Observation 9 a.m
Nearest Railway Station Carnforth
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 278 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·22	·05	·04	·00	·00	·29	·50	·03	·00	·02	·34	·05	1
2	·10	·15	·01	·00	·00	·15	·01	·00	·42	·32	·08	·00	2
3	·03	·05	·01	·10	·02	·10	·09	·00	·92	·28	·21	·04	3
4	·12	·17	·00	·00	·65	·30	·01	·00	·00	·38 1·07	·14 ·61	·00	4
5	·30	·72	·00	·00	·24	·27	·00	·00	·01	·69	·47	·00	5
6	·44	·11	·03	·00	·36	·03	·31	·00	·00	·45	·20	·00	6
7	·06	·13	·01	·00	·40	·05	·80	·00	·00	·47	·15	·31	7
8	·02	·05	·01	·00	·01	·07	·00	·00	·00	·03	·21	·04	8
9	·03	·00	·00	·00	·48	·28	·11	·00	·00	·03	·10	·19	9
10	·10	·00	·00	·17	·00	·31	·07	·00	·02	·60	·13	·00	10
11	·06	·24	·00	·75	·03	·01	·50	·00	·17	·10	·03	·07	11
12	·14	·23	·01	·01	·39	·00	·45	·10	·02	·10	·04	·00	12
13	·00	·16	·03	·05	·01	·00	·01	·62	·08	·80	·04	·08	13
14	·05	·14	·00	·07	·64	·00	·00	·50	·00	·34	·00	·00	14
15	·02	·40	·09	·11	·06	·06	·07	1·05	·02	·21	·00	·10	15
16	·12	·13	·56	·56	·00	·00	~~·14~~ ·07	·04	·03	·02	·00	·00	16
17	·29	·23	·06	·47	·00	·00	·02	·00	·89	·20	·00	·00	17
18	·00	·41	·00	·02	·00	·00	·04	·30	·29	·21	·00	·20	18
19	·44	·01	·25	·22	·00	·00	·03	·15	·01	·00	·00	·00	19
20	·58	·00	·18	·09	·00	·01	·00	·00	·00	·00	·23	·15	20
21	·35	·00	·00	·18	·15	·00	·18	·00	·00	·00	·09	·00	21
22	·00	·00	·00	·02	·06	·11	·00	·00	·00	·08	·08	·04	22
23	·13	·00	·06	·07	·00	·03	·01	·03	·00	·17	·28	·27	23
24	·03	·00	·05	·02	·00	·19	·00	·30	·00	·11	·04	·02	24
25	·00	·05	·19	·00	·18	·07	·00	·60	·00	·04	·35	·08	25
26	·20	·00	·07	·00	·06	·00	·00	·00	·01	·07	·00	·00	26
27	·01	·02	·10	·00	·10	·00	·00	·00	·07	·18	·05	·03	27
28	·35	·00	·00	·00	·00	·07	·00	·15	·00	·32	·14	1·21	28
29	·13	·05	·02	·00	·06	·00	·00	·00	·00	·31	·38	·41	29
30	·12	✗	·00	·00	·00	·04	·02	·00	·00	·57	·10	·19	30
31	·00	✗	·00	✗	·97	✗	·00	·49	✗	·35	✗	·38	31
Total	4·44	3·50	1·72	2·91	4·63	2·38	3·30	4·36	2·96	7·45	3·88	3·86	YEAR'S TOTAL 45·39
Rain Days.	26	20	18	16	15	18	19	13	14	28	23	19	229

W. 8,000, VIII. 16

Esca. J.F.B.

2980
3036

BRITISH RAINFALL FORM A.
21 MAY 1918

REGISTER OF RAINFALL IN 1917

Kept at Yealand Conyers
in the County of Lancaster
by John Rawlinson Ford

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Carnforth
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. in.
" " " " Sea Level 278 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·05	·00	·05	·15	·00	·34	·00	·01	·05	·00	·23	·08	1
2	·81	·00	·04	·16	·00	·02	·00	·01	·02	·02	·05	·00	2
3	·14	~~1·08~~ ·11	·00	·02	·00	·72	·00	·00	·00	·73	·14	·00	3
4	·03	–	·02	·00	·00	·00	·00	·00	·00	·14	·07	·08	4
5	·29	·00	·06	·13	·00	·00	·00	·00	·02	·05	1·05	·23	5
6	·02	·00	·00	·03	·00	·21	·00	·00	·00	~~·80~~ ·21	·45	·22	6
7	·50	·00	·01	·00	·00	·26	·00	·00	·00	·59	·05	·00	7
8	·13	·00	·00	·10	·00	·04	·00	·71	·13	·66	·25	~~·21~~ ·19	8
9	·01	·00	·00	·08	·04	·00	·00	·99	·00	·15	·68	·02	9
10	·42	·00	·67	·20	·37	·00	·00	·30	·00	·02	·00	·00	10
11	·10	·00	·01	·01	·08	·00	·00	·73	·02	·47	·00	·00	11
12	·02	·16	·09	·00	·71	·00	·00	·02	·00	·36	·04	·06	12
13	·00	·00	·00	·19	·06	·06	·01	·29	1·25	·04	·18	·35	13
14	·00	·00	·00	·03	·05	·00	·00	·16	·00	·02	·00	·18	14
15	·03	·00	·00	·01	·00	·00	·05	·01	·75	·20	·00	~~·38~~ ·36	15
16	·02	·06	·03	·39	·00	·00	·00	1·14	·18	·30	·00	·02	16
17	·01	~~·33~~ ·28	·19	·27	·09	·00	·05	1·71	·15	·15	·00	·01	17
18	·00	·05	·18	·04	·05	·00	·82	·09	·45	·02	·09	·03	18
19	·00	·25	·13	·01	·57	·04	·00	·01	·00	·00	·05	·21	19
20	·00	·56	·02	·00	·15	·93	·00	·99	·16	·00	·00	·15	20
21	·00	·05	·01	·00	·16	·01	·00	·04	·11	·16	·00	·00	21
22	·00	·00	·00	·00	·00	·00	·00	·40	~~·11~~ ·07	·92	·07	·00	22
23	·00	·00	·02	·00	·27	·63	·03	·42	·04	·05	·12	·00	23
24	·00	·13	·00	·00	·00	·01	·11	·26	·00	·89	·10	·05	24
25	·00	·09	·03	·00	·07	·00	·03	·25	·26	·17	·01	·00	25
26	·00	·00	·00	·00	·00	·00	·03	·72	·42	·21	1·26	·00	26
27	·00	·00	·18	·01	·17	·21	·76	·39	·00	·12	·15	·00	27
28	·00	·00	·26	·00	·00	·10	·00	·08	·06	·07	·03	·00	28
29	·00	✕	·04	·00	·00	·00	·00	·10	·00	·78	·00	·00	29
30	·00	✕	·04	·00	·00	·00	·18	·05	·00	·04	·12	·00	30
31	·00	✕	·25	✕	·28	✕	·00	·60	✕	·01	✕	·00	31
Total	2·58	2·71	2·33	1·83	3·12	3·58	2·07	10·48	4·14	7·55	5·19	2·24	YEAR'S TOTAL 47·82
Rain Days.	15	11	21	17	15	14	10	26	17	28	21	16	211

Total W. 8,000, IX. 17. 1·74

No. 970

32

3036

FORM A.
BRITISH RAINFALL.
14. 6. 19

REGISTER OF RAINFALL IN 1918

Kept at Yealand Conyers
in the County of N. Lancaster
by J. R. Ford

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Carnforth
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. = in.
" " " " Sea Level 278 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·00	·25	·01	·03 ~~·17~~	·00	·00	·00	·00	·30	·10	·33	·87	1
2	·00	·06	·00	·14	·00	·00	·00	·00	·29	·81	·16	·71	2
3	·10	·08	·00	·00	·36	·00	·00	·00	·23	·70	·09	·11	3
4	·04	·10	·00	·00	·05	·00	·00	·09	·00	·05	·00	·02	4
5	·00	·14	·02	·00	·29	·00	·01	1·03	·00	·74	·15	·05	5
6	·04	1·36	·00	·63	·00	1·07	·00	·00	·03	·17	·09	·06	6
7	·00	·15	·00	·03	·00	·00	·26	·22	·31 ~~·73~~	·07	·36	·04	7
8	·38	·10	·11	·00	·00	·00	·29	·04	·42	·20	·36	·03	8
9	·17	·64 ~~·92~~	·02	·08	·00	·32	·03	·01	·90	·61	·12 ~~·63~~	·03	9
10	·10	·28	·34	·07	·00	·00	·14	·00	·44	·42	·51	·06	10
11	·27	·22	·10	·05	·16	·00	·40	·03	·38	·00	·00	·31	11
12	·00	·35	·02	·10	·07	·01	·00	·00	·14	·00	·00	·37	12
13	·00	·03	·00	·00	·11	~~·08~~	·39	·00	·32	·49	·00	·06	13
14	·84	·00	·00	·00	·02	·08	·00	·12	·43	·02	·00	·08 ~~·94~~	14
15	·00	·00	·00	·01	·00	·35	·68	·01	~~2·28~~ 1·85	·02	·00	·86	15
16	·07	·03	·00	·00	·00	·32	·70	·22	·48	·00	·00	·18	16
17	·53	·00	·00	·00	·04	·21	·88	·00	·21	·32	·00	·28	17
18	·80	·00	·38	·00	·01	·03	·40	·23 ~~·00~~	·09	·05	·00	·37	18
19	·18	·25	·19	~~·17~~	·00	·00	·34	·48	·16	·00	·00	·59	19
20	·45	·56	·00	·17	·30	·13	·99	·02	·24	·22	·00	~~·59~~	20
21	·18	·32	·00	·00	·00	·17	~~·99~~	·01	1·23	·00	·00	–	21
22	·15	·00	·00	·00	·26	·02	·30	·05	·43	·00	·00	·70	22
23	·24	·00	·00	·00	·15	·00	·69	·00	·04	·10	·08	·24	23
24	·37	·09	·00	·00	·00	·02	·05	·23	·35	·10	·05	·04	24
25	·08	·02	·00	·00	·29	·01	·25	·60	·48	·00	·03	·18	25
26	·00	·09	·00	·00	·00	·00	·02	·85	·57	·22	·30	·00	26
27	·01	·15	·72	·00	·00	·09	·00	·00	·24	·09	·16	·68	27
28	·00	·05	·27	·00	·00	·02	·00	·03	·23	·01	·08	·58 ~~1·05~~	28
29	·00	X	·05	·00	·00	·00	·00	·15	·10	·00	·00	·47	29
30	·00	X	·12	·00	·00	·00	·00	·11	·00	·00	·33	·07	30
31	·00	X	·29	X	·00	X	·00	·07	X	·05	X	·04	59·30
Total	5·00	5·32	2·64	1·31	2·11	2·85	~~6·62~~ 6·82	~~4·60~~ 4·62	10·89	6·16	3·20	8·08	YEAR'S TOTAL 58·78
Rain Days.	19	22	14	11	13	16	19	21	27	22	16	30	230

W, 6,500, VII. 18. w w c

~~Estimated~~ Apportioned from 3035 JL.

2823
3036

FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1919

Kept at Yealand Conyers
in the County of Lancaster
by John Rawlinson Ford

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Carnforth
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. = in.
" " " " Sea Level 278 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·63	·00	·02	·05	·40	·00	·09	·08	·09	·44	·00	·13	1
2	·26	·00	·26	·00	·02	·00	·04	·01	1·15	·00	·00	·15	2
3	·50	·02	·17	·05	·55	·15	·00	·00	·00	·00	·00	·22	3
4	·21	·05	·00	·00	·03	·02	·20	·42	·06	·00	·03	·22	4
5	·15	·12	·40	·02	·39	·00	·00	·00	·06	·04	·05	·45 ~~·60~~	5
6	·05	·00	·55	·00	·10	·00	·00	·00	·10	·03	·00	·15	6
7	·05	·00	·08	·27	·00	·07	·00	·00	·00	·00	·06	·00	7
8	·15	·00	·20	·05	·05	·01	·00	·09	·01	·00	·00	·00	8
9	·47	·00	·17	·04	·00	·03	·00	·00	·00	·00	·04	·00	9
10	·05	·00	·89	·16	·98 [illegible]	·02	·00	·00	·00	·00	·02	·39	10
11	·00	·00	·00	·00	·20	·00	·22	·00	·01	·10	·00	·08	11
12	·51	·00	·31	·04	·00	·35	~~·22~~	·00	·02	·03	·00	·00	12
13	·00	·10	·00	·26	·03	·03	–	·10	·00	·26	·22	·15	13
14	·37	·00	·00	·13	·00	·00	·00	·00	·00	·00	·02	·00	14
15	·54	·03	·00	·07	·00	·00	·00	·02	·00	·00	·00	·53	15
16	·00	·12	·02	·00	·00	·00	·00	·00	·00	·00	·00	·05	16
17	·04	·01	·27	·08	·00	·07	·02	1·00	·02	·00	·19	·05	17
18	·00	·00	·00	·01	·00	·00	·25	·75	·15	·00	·66	·47	18
19	·01	·76	·37	·01	·00	·85	·00	·09	·03	·00	·00	·10	19
20	·28	·36	·00	·00	·00	·16	·00	·05	·02	·00	·12	·43	20
21	·00	·28	·00	·00	·01	·01	·03	·35	·25	·00	·11	·26	21
22	·00	·00	·00	·00	·00	·28	·00	·24	·20	·09	·15	·40	22
23	·02	·00	·00	·09	·00	·07	·00	·01	·01	1·29	·12	·04	23
24	·39	·00	·00	·00	·18	·05	·00	·00	·24	·21	·26	·21	24
25	·20	·00	·00	·24	·00	·12	·00	1·00	·36	·00	·14	·00	25
26	·14	·03	·66	·06 snow	·00	·05	·12	·23	·09	·00	·00	·34	26
27	·05	·00	·00	·09	·00	·04	·00	·02	·00	·00	·01	·01	27
28	~~·05~~	·00	·00	·05	·00	·00	·00	·94	·44	·10	·00	·42	28
29	–	~~·00~~	·20	·03	·00	·02	·00	·30	·38	·15	·00	·20	29
30	·00	✗	·05	·10	·00	·09	·36	·08	·00	·02	·27	·77	30
31	·00	✗	·00	✗	·00	✗	·00	·10	✗	·00	✗	·00	31
Total	5·07	1·88	4·62	1·90	2·94	2·49	1·33	5·88	3·60	2·76	2·47	6·22	YEAR'S TOTAL 41·16
Rain Days	23	11	16	21	12	20	11	20	~~18~~ 19	12	17	~~22~~ 24	~~203~~ 206

W. 6,500, VII. 18. W W C

[illegible]

2709

No. 3036
MAR 1921

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Yealand Conyers

in the County of Lancaster

by John Rawlinson Ford

Lat. .... Long. ....

Time of Observation 9 a.m

Nearest Railway Station Carnforth

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. .... in.

" " " " Sea Level 278 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·05	·04	·19	·28	·35	·00	·33	·04	·08	·02	·00	·15	1
2	·07	·00	·01	·05	·01	·00	·17	·07	·60	·09	·00	·42	2
3	·02	~~·00~~ 22	·49	·04	·15	·00	·12	·21	·61	·25	·00	·29	3
4	·00	·00	·02	·04	·01	·00	·32	·78	·02	·43	·00	·05	4
5	·00	·03	·20	·02	2·19	·00	·21	·18	·07	·03	·00	·00	5
6	·01	·00	·31	✓·39 ~~·39~~	·68	·00	·13	·00	·10	·00	·08	·04	6
7	·27	·13	·04	✓–	·11	·00	·58	·00	·01	·00	·10	·00	7
8	·09	·07	·00	·22	·19	·00	·19	·23	·04	·00	1·20	·08	8
9	·65	·98	·07	·46	·00	·00	·23	·00	·00	·00	·10	·05	9
10	·58	✓·23 ·02	·14	·36	·00	·00	·17	·03	·00	·00	·00	·04	10
11	·17	–·25	·11	·01	·60	·05	·00	·00	·00	·00	·00	– ~~·08~~	11
12	·42	·00	·35	·09	·09	·09	·34	·00	·08	·00	·31	✓·08	12
13	·14	·08	·14	·16	·09	·29	·01	·00	·41	·00	·30	·22	13
14	·07	·20	·07	·28	·00	·20	·20	·00	·01	·26	·65	·01	14
15	·09	·00	·01	·79	·00	·00	·39	·00	·71	·13	·05	·00	15
16	·04	·18	·17	·18	·15	·00	·01	·00	·53	·00	·18	·00	16
17	·23	·00	·10	·00	·23	·00	·00	·98	·30	·00	·00	·00	17
18	·49	·50	·01	·05	·46	·15	·00	·00	·05	·00	·00	·00	18
19	·05	·00	·00	·07	·03	·14	·40	·02	·02	·00	·00	·00	19
20	·24	·00	·00	·22	·00	·01	·09	·00	·41	·00	·00	·07	20
21	·03	·00	·00	·01	·00	·00	·20	·00	·00	·00	·00	·08	21
22	·49	·00	·00	·27	·00	·00	·75	·03	·00	·00	·00	·00	22
23	·02 ~~·26~~	·01	·22	·47	·00	·00	·00	·00	·00	·00	·00	·14	23
24	✓·24	·00	1·10	·02	·00	·08	·11	·00	·00	·00	·00	·33	24
25	·01	·15	·18	·07	·00	·13	·55	·00	·00	·00	– ~~·06~~	·00	25
26	·15	·07	·75	·37	·00	·00	·14	·00	·16	·00	✓·06	·22	26
27	·07	·00	·36	·05	·31	·60	·39	·00	·00	·00	·10	·36	27
28	·15	✓·13 ~~·74~~	·03	·59	– ~~·67~~	·32	·14	·00	·00	·00	·03	·58	28
29	·10	–·61	·14	·01	✓·67	·01	·00	·00	·00	·00	·15	·50	29
30	✓·21 ~~·47~~		·00	·01	·06	·36	·90	·00	·22	·00	·12	·00	30
31	·26		·14		·10		·08	·00		·04		·00	31
TOTAL	5·41	3·65	5·35	5·58	6·48	2·43	7·15	2·57	4·43	1·25	3·43	3·71	YEAR'S TOTAL 51·44
Days with ·01 in. or more	28 29	15 17	25	29	20 19	13	26	10	19	8	15	19 20	~~231~~ 226
	24	13	20	23	16	11	24	7	15	6	13	18	190

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

S. made

REC

3053

—

WEETON RESERVOIR.
No 1.
1912 - 20

FORM A.
BRITISH RAINFALL.

21 MAY 1913

Kept at Weeton

2° 55'

in the County of L

Wrea Green

5 in.

by The Fylde

ve Ground 1 ft. - in.

Sea Level 133·09 ft.

IMPORTANT N the result entered to the previous day. If an versal rule, he is earnestly requested to add the ar in the space provided for it at the end of this paragraph ement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·04		·25			·28	·05		·09			·73	1
2	·04		·54		·07	·15	·09		·08			·08	2
3	·18		·02			·22		·35	·42		·01	·14	3
4	·51		·60	·11	·03	·37		·41	·07		·98		4
5	·14				·27	·15			·10	·02	·02		5
6	·28	·26			·05			·04			·02		6
7		·10			·24		·15	·06	·11			·02	7
8	·46	·21	·10		·02	·08		·06	·06		·04		8
9	·04	·04	·31	·19		·29		·04			·14	·12	9
10	·03				·04	·46	·04	·05			·31	·02	10
11	·03				·14		·08	·04				·49	11
12	·12	·09	·48			·08	·05						12
13	·04							·02	·02	·30		·11	13
14	·20		·29			·25		·08				·32	14
15	·30	·19	·09		·07	·13		·03				·04	15
16	·61		·11		·15			·04		·35	·05		16
17	·11	·28	·23		·01	1·11		·60			·22	·35	17
18	·09	·04				·10		·01		·38	·13	·15	18
19		·09	·56			·04		·35		·16	·03		19
20	·08		·09		·45	·02		·09		·21		·04	20
21			·25				·03	·08		·44		·09	21
22	·02	·15			·60		·13	·58			·09		22
23			·23			·13	·50	·77			·26	·03	23
24		·03	·17			·18	·05	·09		·03	·05	·16	24
25			·14			·17		·02			·25	·11	25
26		·11	·24			·01	·38	·31		1·76	·17	·25	26
27		·05	·26			·60	·32			·46		·12	27
28		·10			·01	·28	·40	·39		·32	·15	·02	28
29		·03	·05				·39	·02	·23	·31		·05	29
30			·24		·21	·02	·01			·04			30
31			·15		·07		2·07	·42				·29	31
													YEAR'S TOTAL
Total	3·32	1·77	5·40	·30	2·43	5·12	4·74	4·95	1·18	4·78	2·92	3·73	40·64
Rain Days.	19	15	22	2	16	22	16	25	9	13	17	22	198

W. 7,500, XI. 12

S. made

RE [redacted] 2° 55′

FORM A.
BRITISH RAINFALL.

21 MAY 1913

Kept at Weeton Reservoir

in the County of Lancaster N5

by The Fylde Water Board
No 1 Gauge

Time of Observation 9 am
Nearest Railway Station Wrea Green
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 133·09 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	·04		·25			·28	·05		·09			·73	1
2	·04		·54		·07	·15	·09		·08			·08	2
3	·18		·02			·22		·35	·42		·01	·14	3
4	·51		·60	·11	·03	·37		·41	·07		·98		4
5	·14				·27	·15			·10	·02	·02		5
6	·28	·26			·05			·04			·02		6
7		·10			·24		·15	·06	·11			·02	7
8	·46	·21	·10		·02	·08		·06	·06		·04		8
9	·04	·04	·31	·19		·29		·04			·14	·12	9
10	·03				·04	·46	·04	·05			·31	·02	10
11	·03				·14		·08	·04				·49	11
12	·12	·09	·48			·08	·05						12
13	·04							·02	·02	·30		·11	13
14	·20		·29			·25		·08				·32	14
15	·30	·19	·09		·07	·13		·03				·04	15
16	·61		·11		·15			·04		·35	·05		16
17	·11	·28	·23		·01	1·11		·60			·22	·35	17
18	·09	·04				·10		·01		·38	·13	·15	18
19		·09	·56			·04		·35		·16	·03		19
20	·08		·09		·45	·02		·09		·21		·04	20
21			·25				·03	·08		·44		·09	21
22	·02	·15			·60		·13	·58			·09		22
23			·23			·13	·50	·77			·26	·03	23
24		·03	·17			·18	·05	·09		·03	·05	·16	24
25			·14			·17		·02			·25	·11	25
26		·11	·24			·01	·38	·31		1·76	·17	·25	26
27		·05	·26			·60	·32			·46		·12	27
28		·10			·01	·28	·40	·39		·32	·15	·02	28
29		·03	·05				·39	·02	·23	·31		·05	29
30			·24		·21	·02	·01			·04			30
31			·15		·07		2·07	·42				·29	31
													YEAR'S TOTAL
Total	3·32	1·77	5·40	·30	2·43	5·12	4·74	4·95	1·18	4·78	2·92	3·73	40.64
Rain Days.	19	15	22	2	16	22	16	25	9	13	17	22	198

W. 7,500, XI. 12

S. made No. 1

REGISTER OF RAINFALL IN 1913

FORM A.
BRITISH RAINFALL.

4 MAR 1914

N5

Kept at Weeton Reservoir

in the County of Lancaster

by The Fylde Water Board

Lat. 53° 48′ Long. 2° 55°

Time of Observation 9 a.m.

Nearest Railway Station Wrea Green

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

" " " " Sea Level 133·09 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·02		·09								·08		1
2	·02	·18	·28	·06		·12					·19	·23	2
3	·04		·22		·68						·02	·47	3
4	·23	·11	·08		·06						·15	·37	4
5	·25	·03			·10	·12	·20				·02	·04	5
6	·05	·26	·26		·33	·24	·48			·03	·08	·02	6
7	·01	·30	·05		·15	·33				·28	·10	·06	7
8		·19	·12		·05			·50		·05	·06	·07	8
9		·21	·15	·13	·09	·64	·02				·15	·22	9
10		·03	·23	·17					·03	·04	·11		10
11	·25			·26		·05	·07			·12	·33	·09	11
12	·17						·10		·39		·10		12
13			·50				·06	·05	·14	·14	·40		13
14	·08		·10	·08				·03	·03	·57	·08		14
15			·25	·75					·10		·36	·05	15
16			·04	·07							·16		16
17			·06	·22			·12				·29		17
18	·09		·38	·08		·10	·12				·21		18
19	·08		·01	·14	·20	·09			·02	·20	·08		19
20	·09		·10	·06		·03	·01			·17	1·23		20
21			·05		·11		·18	·25		·03			21
22	·43		·35		·05	·23		·74	·14				22
23	·69				·30	·08		·07	·07		·15	·05	23
24	·35	·11		·16							·13	·06	24
25				·10					·60	·07	·04	·21	25
26		·07		·71					1·30	·02		·50	26
27				·31						·22	·06	·07	27
28	·39		·06	·28	·06					·20		·03	28
29			·14	·42	·06			·12		·09	·14		29
30	·63									·05			30
31	·08		·07 ~~·04~~										31
Total	3·95	1·49	3·59	4·00	2·24	2·03	1·36	1·76	2·82	2·28	4·72	2·54	YEAR'S TOTAL 32·78
Rain Days.	19	10	22	17	13	11	10	7	10	16	25	16	176

W. 7,500, XI. ·12

9

REGISTER OF RAINFALL IN 19 14

Exd DL

FORM A. BRITISH RAINFALL.

27 APR 1915

Kept at Weeton Reservoir No 1

in the County of Lancaster

by The Fylde Water Board

NS

Lat. 53°48' Long. 2°55'

Time of Observation 9. a. m.

Nearest Railway Station Wrea Green

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

" " " " Sea Level 133·09 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1			·06			·20	·55	·14				·25	1
2		·06	·05	·03	·04		·29	·25			·24	·22	2
3	·14		·06		·38		·02	·04		·02		·82	3
4	·12		·11	·39	·16		·05				·12	·25	4
5	·15		·35	·07	·08		·06				·13		5
6			·05	·05	·29		·20	·05			·06	·09	6
7	·04		·20	·04	·17	·01	·01	·18			·06	·16	7
8	·88		·06		·16	·07	·02	·67	·28	·03	·01	·01	8
9	·36	·17	·08	·17	·09	·18		·05	·07		·12		9
10	·01	·13	·08		·02	·02			·14		·24		10
11		·10	·31				·07		·28		·41	·14	11
12		·27	·16		·04		·07		·55		·33	·01	12
13		·37	·18	·02	·01				·20	·14	·41	·16	13
14		·10	·09								·20	·23	14
15			·38						·12		·49		15
16			·05				1·45		1·79				16
17		·30	·17				·45		·27			·94	17
18		·13	·11				·02		·08			·11	18
19			·18				·35		·09		·01	·27	19
20		·27	·13		·05	·39							20
21		·11				·15				·04		·08	21
22		·39		·02	·28	·08		·10		·01			22
23			·14	·05	·16	·01	·17						23
24	·09		·22	·06		·02	·20	·07			·60		24
25	·05				·05		·33	·32		·76	·08	·54	25
26	·04		·02		·02		·06			·18	·23	·31	26
27	·10									·74	·37	·49	27
28	·06	·14	·22		·05			·01			·22	·07	28
29	·15		·08		·10						·14	·01	29
30			·18								·18	·07	30
31	·28		·05				·49			·11			31
													YEAR'S TOTAL
Total	2·47	2·54	3·77	·90	2·15	1·13	4·86	1·88	3·87	2·03	4·65	5·23	35·48
Rain Days.	14	13	27	10	18	10	19	11	11	9	21	21	184

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1,000, XI. 13

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3720

REGISTER OF RAINFALL IN 1915

FORM A.
BRITISH RAINFALL.
10. JAN 1916

Kept at Weeton Reservoir No 1

in the County of Lancaster N

by the Fylde Water Board

Lat. 53° 48′ Long. 2° 55′

Time of Observation 9 am

Nearest Railway Station Wrea Green

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level 133·09 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·43	·43	·01	—	·22	—	·32	·21	·03	·01	—	·02	1
2	—	·68	·48	·44	—	·05	·38	·40	—	—	—	—	2
3	·26	·06	·23	64	—	—	·39	—	—	—	—	·33	3
4	·01	·33	·07	—	·18	·21	—	—	—	—	—	68	4
5	·28	·09	·12	—	·08	—	—	·06	—	—	—	1·25	5
6	·19	·07	—	·28	—	—	·62	·03	—	—	—	·23	6
7	·78	·40	—	·17	—	—	·32	·59	—	—	—	·10	7
8	·18	·04	—	·02	—	—	—	·21	—	—	·60	—	8
9	—	·11	—	—	—	—	—	·04	—	—	·12	·39	9
10	·68	—	·22	·16	—	—	—	·30	—	—	·21	·28	10
11	·17	—	·04	—	·36	—	—	·03	—	—	·06	·20	11
12	·34	—	—	·07	·03	—	—	·02	—	·40	·45	·13	12
13	·06	—	—	—	—	—	—	·93	—	·04	—	·26	13
14	·11	—	—	·05	—	—	·12	1·63	·04	·09	·02	·13	14
15	·50	—	—	·05	—	—	—	—	·01	—	·31	50	15
16	—	·42	—	—	·15	—	·35	1·20	—	—	—	—	16
17	—	·17	·05	—	—	—	—	·01	—	—	—	·16	17
18	—	·26	·03	—	—	—	—	—	—	—	—	—	18
19	—	·03	·04	·06	·14	—	·23	—	—	·02	—	—	19
20	·23	·02	·01	—	·02	—	—	·09	—	—	—	·30	20
21	·13	·12	—	·39	—	—	·53	—	—	—	—	·23	21
22	—	·07	·04	·01	—	26	—	—	—	—	—	·14	22
23	—	·06	·12	·03	—	·01	—	—	·10	·45	—	·25	23
24	—	—	·12	—	—	—	—	—	·19	·14	—	·45	24
25	—	—	—	—	—	·45	—	—	—	—	—	·17	25
26	—	·45	—	—	—	·28	—	—	·03	—	—	·43	26
27	—	·08	—	—	—	—	·19	—	—	·48	—	·17	27
28	—	·08	—	—	·02	·30	·07	·49	—	·15	—	·02	28
29	—	—	—	—	·05	—	—	—	—	—	·17	·07	29
30	·17	✕	—	·38	—	—	—	·05	—	—	·05	—	30
31	·09	✕	—	✕	—	✕	·01	·50	✕	—	✕	·29	31
Total	4·61	3·97	1·58	2·75	1·25	1·56	3·53	6·79	·40	1·78	1·99	7·18	YEAR'S TOTAL 37·39
Rain Days.	17	20	14	14	10	7	12	18	6	9	9	25	161

W. 8,000. X. 15.

[illegible] ✓

Exd CJE

3150

FORM A.
BRITISH RAINFALL.
5 JUN 1917

REGISTER OF RAINFALL IN 1916

Kept at Weeton Resr No 1.

in the County of Lancaster

by The Fylde Water Board

Lat. 53°48' Long. 2°55'

Time of Observation 9 am

Nearest Railway Station Wrea Green

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 133.09 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·05	·05	·18	—	—	·10	·17	—	—	—	·11	—	1
2	·16	·27	·07	—	—	—	—	—	·43	·23	·03	·03	2
3	—	·04	—	·08	—	·03	·05	—	·57	·40	·06	·03	3
4	·06	·03	—	—	·56	·54	·04	—	·08	·28	·22	—	4
5	·18	·33	—	—	·30	·08	—	—	—	·80	·31	—	5
6	·20	·21	—	—	·36	·02	·16	—	·01	·03	·31	·04	6
7	·01	·04	—	—	·02	·02	·26	—	—	·06	·10	·36	7
8	·03	·08	—	—	—	·33	—	—	—	·04	·07	·01	8
9	·15	—	—	—	·28	—	—	—	·03	—	·04	·05	9
10	·01	·34	—	·22	—	—	·03	—	—	·21	·03	—	10
11	·14	·30	·01	·76	·02	—	·11	—	·12	·01	—	·15	11
12	·04	·18	·06	·03	·45	—	·33	·03	·01	·10	—	—	12
13	—	·06	·19	·13	·01	—	—	·28	—	·90	·03	·06	13
14	—	·24	—	·06	·32	—	—	·69	·05	·05	—	—	14
15	—	·26	·23	·09	—	—	·15	·98	·12	·02	—	—	15
16	·02	·16	·14	·42	—	—	·09	·05	—	·14	—	—	16
17	·16	·17	—	·24	—	—	·03	—	1·09	·10	—	—	17
18	·03	·13	—	·11	—	—	—	·35	·19	·06	·12	·12	18
19	·13	—	·16	·07	—	—	—	·18	·01	—	·10	—	19
20	·23	—	·69	·37	—	—	—	—	—	—	·19	·03	20
21	·08	—	·03	—	·10	—	—	—	—	—	·09	·04	21
22	—	—	—	—	—	·17	—	—	—	·10	·03	·05	22
23	·01	—	·15	·06	—	·03	—	·03	—	·09	·31	·28	23
24	—	—	·01	—	·13	—	—	·20	—	·10	—	·03	24
25	·03	—	·05	—	·06	·06	—	·13	·05	—	·27	·08	25
26	·09	—	·07	—	—	—	—	—	—	·05	—	—	26
27	—	·12	—	—	—	·20	—	·02	·07	·31	—	·05	27
28	·01	—	—	·02	—	—	—	—	—	·32	·01	·36	28
29	—	·09	—	—	—	·23	—	—	—	·27	·02	·66	29
30	·04	X	—	—	—	·04	—	—	—	·51	—	·05	30
31	—	X	—	X	·18	X	—	·30	X	·09	X	·12	31
Total	1·86	3·10	2·04	2·66	2·79	1·85	1·42	3·24	2·83	5·27	2·45	2·60	YEAR'S TOTAL 32·11
Rain Days.	22	19	14	14	13	13	11	12	14	25	20	20	197

W. 8,000, VIII. 16

3000

20 FEB 1918

REGISTER OF RAINFALL IN 1917

Kept at Weeton Reservoir (No 1 Gauge)
in the County of Lancashire
by Fylde Water Board

Lat 53° 48' Long 2° 55'
Time of Observation 9 am
Nearest Railway Station Wrea Green
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft – in.
" " " " " Sea Level 133·09 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., if possible, and the result entered to the previous day.

Date	Jan. in.	Feb. in.	March in.	April in.	May in.	June in.	July in.	Aug. in.	Sept. in.	Oct. in.	Nov. in.	Dec. in.	Date
1	—	—	·02	·01	—	·01	—	·03	·14	—	·23	·14	1
2	·58	—	—	·04	—	·01	—	—	—	—	·02	·01	2
3	·02	·21	—	—	—	·61	—	—	—	·29	·06	—	3
4	·13	·05	·01	—	—	—	—	—	—	·73	—	·02	4
5	·30	—	·05	·18	—	—	—	·08	·01	·23	·41	·03	5
6	·05	—	—	—	—	·25	—	—	—	·36	·29	·08	6
7	·64	—	—	—	—	—	—	—	—	·30	·06	·09	7
8	·08	—	—	·20	—	—	—	·36	·03	·56	·29	·23	8
9	—	—	·03	·09	·04	—	—	·28	—	·18	·31	·02	9
10	·25	—	·90	·20	·07	—	—	·20	—	—	—	—	10
11	·14	·06	—	—	·05	—	—	·40	·07	·50	·03	—	11
12	—	~~·06~~	·08	—	·50	—	—	·01	·01	1·01	—	·02	12
13	—	—	—	·05	—	·03	—	·08	·96	—	·17	·33	13
14	—	—	—	·04	·15	—	—	·07	—	·01	—	·11	14
15	·02	—	—	·20	—	—	—	—	·78	·13	—	·22	15
16	—	·03	—	·14	—	—	—	·80	—	·01	·01	·10	16
17	—	·03	·21	·36	·02	—	·15	1·41	·50	·09	—	—	17
18	—	—	·05	·05	·06	—	·52	·03	·40	—	—	—	18
19	—	·29	·37	—	·52	·04	—	—	—	—	—	·03	19
20	—	·32	—	—	·09	·32	—	·08	·08	—	·41	—	20
21	—	·03	·10	—	·39	—	—	·01	—	·05	·02	—	21
22	—	·01	—	—	—	—	—	·49	·06	·35	·07	—	22
23	—	·19	—	—	·19	·68	—	·15	·08	·22	—	·03	23
24	—	—	—	—	—	—	·35	·18	—	·41	·04	—	24
25	—	·09	·05	—	—	—	—	·18	·18	·03	—	—	25
26	—	—	—	—	—	—	—	·78	·36	·22	·88	—	26
27	—	—	·21	—	·38	·17	·41	·41	—	·22	·04	—	27
28	—	·01	·16	—	—	—	·03	·23	—	·13	·03	—	28
29	—		·06	—	—	—	—	—	—	·57	—	—	29
30	—		·21	—	—	—	—	·37	—	·15	·24	—	30
31	—		·21		·18		—	·62		—		—	31
Total	2·21	1·32	2·72	1·56	2·64	2·12	1·46	7·25	3·66	6·75	3·61	1·46	TOTAL for year 36·76
No. of Rain Days	10	12	16	12	13	9	5	23	14	23	19	15	171

52

5 read

FORM A.
BRITISH RAINFALL.

26 5 19

REGISTER OF RAINFALL IN 1918

Kept at Weeton Reservoir No 1
in the County of N. Lancashire
by Fylde Water Board

Lat. 53° 48' Long. 2° 55'
Time of Observation 9 am
Nearest Railway Station Wrea Green
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level 133.09 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	·21	—	·06	—		—	—	·46	·07	·28	·38	1
2	—	·09	—	·05	—	—	—	—	·11	—	·05	·76	2
3	—	·06	—	—	·77	—	—	—	·06	·28	·02	—	3
4	·04	·14	—	—	·02	—	—	·02	·58	·40	·23	·02	4
5	—	—	—	·09	·25	—	—	·83	·05	·52	·10	·02	5
6	·09	·55	—	·39	—	·66	—	·03	—	·27	—	—	6
7	·06	·17	—	—	·02	—	—	·02	·11	—	·16	·04	7
8	·17	·04	·06	—	—	·06	·28	—	·55	·23	·01	·03	8
9	·04	·47	—	·20	—	·36	—	—	·90	·73	—	·10	9
10	·07	·26	·01	·02	—	—	·10	—	·71	·24	·29	·11	10
11	·23	·20	·09	·06	·11	—	·04	·01	·10	—	—	·38	11
12	·05	·35	—	·06	·05	—	—	—	·36	—	—	·14	12
13	—	—	—	·12	·09	—	—	—	·27	·24	—	·02	13
14	·76	—	—	—	—	—	·18	—	·22	·10	—	·48	14
15	·08	—	—	—	—	—	·38	—	1·12	·23	—	1·02	15
16	·03	—	—	—	—	·08	·50	·09	·33	—	—	·20	16
17	·27	—	—	—	·09	·15	·25	·10	—	·20	—	·28	17
18	·31	—	·14	—	—	·07	·67	—	·19	—	—	·40	18
19	·21	·19	·17	·09	—	—	·32	·25	·24	·06	—	·96	19
20	·20	·65	—	·12	·20	·19	1·21	—	·20	—	—	·04	20
21	·32	·10	—	—	—	·07	·02	—	·69	—	—	·06	21
22	·24	—	—	—	·96	·06	·14	—	·38	—	—	·57	22
23	·13	·01		—	·23	—	·60	—	·06	—	—	—	23
24	·05	·09	—	—	—	—	—	·26	·14	·04	·14	·08	24
25	—	—	—	—	·11	·06	·51	·79	·43	—	·02	—	25
26	—	—	—	—	—	—	·06	·06	·29	·12	·35	·08	26
27	—	·05	·47	—	—	·03	—	1·18	45	·05	·20	·47	27
28	—	·01	·12	—	—	—	—	—	·03	—	·17	·60	28
29	—	X	·10	—	—	—	—	—	·18	—	—	·30	29
30	—	X	·20	—	—	—	—	·06	·06	—	·37	·08	30
31	—	X	·14	X	—	X	—	·16	X	·02	X	·04	31
Total	3·35	3·64	1·50	1·26	2·90	1·79	5·26	3·86	9·27	3·80	2·39	7·66	YEAR'S TOTAL 46·68
Rain Days.	19	18	10	11	12	11	15	14	2~~7~~8	17	14	27	196

Eoc DL 2874

10 AUG 20

FORM A 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Weeton Reservoir No 1

in the County of Lancaster

by The Fylde Water Board

Lat 53° 48′ Long 2° 55′

Time of Observation 9 am

Nearest Railway Station Wrea Green

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

" " " " Sea Level 133·09 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·49	–	·04	–	·45	–	·17	·02	·82	·44	–	·03	1
2	·24	–	·40	–	·05	–	·21	–	·14	·02	–	·16	2
3	·17	–	·35	–	·17	·24	·21	·04	–	–	·01	·17	3
4	37	–	·07	–	·03	·03	·04	·47	·05	–	–	·07	4
5	·02	–	·50	–	·25	–	–	–	·16	–	–	·34	5
6	·14	–	·25	–	·05	–	–	–	·02	–	–	·05	6
7	–	–	·05	·14	·04	–	–	–	–	–	·01	–	7
8	·17	–	·09	–	–	–	–	–	–	–	–	–	8
9	·63	–	·48	·01	–	·06	–	–	–	–	–	–	9
10	·06	–	·88	·15	–	–	–	–	–	·08	–	·10	10
11	·04	–	·03	·05	·03	–	·15	–	·04	·27	–	·01	11
12	–	–	–	–	–	·16	–	–	–	·10	·24	–	12
13	·37	–	–	·26	–	–	·05	·05	–	·73	–	·14	13
14	·35	·07	–	·21	–	–	–	–	–	·34	–	·07	14
15	·47	·04	–	·11	–	–	–	–	–	–	–	·48	15
16	·15	·04	–	·03	·02	·06	–	–	–	–	·35	·02	16
17	–	–	–	·05	–	·05	–	·72	–	–	·39	·01	17
18	–	–	·63	–	–	–	·26	·44	·10	–	·05	·18	18
19	03	·65	·99	–	–	·48	–	·31	·12	–	·10	·15	19
20	·34	·16	·05	–	–	·06	–	·24	·02	–	·16	·31	20
21	·05	·36	–	–	–	–	·14	–	·15	–	·11	·15	21
22	–	·12	–	–	–	·10	–	·07	·42	–	·06	·85	22
23	–	–	–	–	–	·13	–	·03	–	1·25	·03	·18	23
24	·01	–	–	·03	·45	–	–	·05	·05	·28	·45	·65	24
25	·17	–	–	·11	–	·04	–	·67	·25	–	·17	–	25
26	·36	–	·36	·19	–	·11	–	·42	·08	–	–	·42	26
27	·11	–	–	·03	–	–	–	·06	–	–	·01	–	27
28	–	–	–	–	–	–	–	·90	–	–	–	·38	28
29	·02	–	–	·01	–	–	–	·11	·06	·09	–	·24	29
30	–		·08	·16	–	·14	–	–	–	·02	19	·62	30
31	–		–		–		·41	·01		–		·03	31
TOTAL	4·76	1·44	5·25	1·54	1·54	1·66	1·64	4·61	2·48	3·62	2·33	5·81	YEAR'S TOTAL 36·68
Days with ·01 in. or more	22	7	16	15	10	13	9	17	15	11	15	25	175

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

Brode

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8 APL 1921

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Weeton Reservoir. No. 1.

in the County of Lancashire

by The Fylde Water Board

Lat. 53° 48' Long. 2° 55'

Time of Observation 9 am

Nearest Railway Station Wrea Green

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

" " " " Sea Level 133·09 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·04	- -	·08	·16	·32	–	·65	–	·09	·08	–	·17	1
2	–	–	–	·14	–	–	–	–	·47	·09	–	·16	2
3	–	·10	·15	·10	·03	–	·98	–	·25	·08	–	·18	3
4	–	–	–	·04	·02	–	·07	·73	·07	·20	–	–	4
5	–	·02	·07	–	·66	–	·08	·15	·20	·22	·08	–	5
6	–	–	·34	·25	·25	–	–	–	–	·02	·09	–	6
7	·04	·13	·06	–	–	–	·44	–	–	–	·10	–	7
8	·03	·08	·03	·24	·18	–	·06	·18	·02	–	·02	–	8
9	·41	·28	·05	·48	–	–	·11	–	·05	–	–	–	9
10	·47	·13	·09	·04	–	–	·04	–	–	–	–	–	10
11	·13	·03	·05	–	·53	·53	–	–	–	–	–	·06	11
12	·24	·05	·15	·31	–	·11	·12	–	·04	–	·19	–	12
13	·17	·07	·07	·10	–	·60	–	–	–	–	·11	·03	13
14	·01	·15	·26	·23	–	·08	·25	–	·35	·36	·52	–	14
15	–	·22	–	·37	–	–	–	–	·02	·02	·04	–	15
16	–	–	·13	–	·17	·14	·38	–	·21	–	·04	–	16
17	·04	–	·08	–	·55	–	–	·07	·25	–	·06	–	17
18	·21	·04	–	·10	·27	–	–	–	·13	–	–	–	18
19	·05	·62	–	·07	·13	·13	·10	–	·20	–	–	–	19
20	·22	–	–	·42	–	–	·06	–	·31	–	–	·16	20
21	–	–	–	·07	–	–	·36	–	–	–	–	·09	21
22	·21	–	–	·27	–	–	·45	·15	–	–	–	·02	22
23	–	–	·19	·24	–	–	·28	–	–	–	·02	·36	23
24	·15	–	·83	·07	–	·09	·12	–	–	–	–	1·05	24
25	–	·14	·08	·04	–	–	·66	–	–	–	–	–	25
26	·18	·15	·59	·21	·58	–	·06	–	–	–	·08	·04	26
27	·24	–	·17	·07	·29	·69	·17	–	–	–	·08	·02	27
28	·35	·03	·37	·22	–	·16	·11	–	–	–	–	·23	28
29	·12	·02	·25	·02	·33	–	·23	–	–	–	·25	·41	29
30	·26		·13	·03	·16	·15	–	–	·63	–	·15	·33	30
31	·17		·05		·16		·03	·18		·17		·01	31
Total	3·74	2·26	4·27	4·29	4·63	2·68	5·81	1·46	3·29	1·24	1·83	3·32	Year's Total 38·82
Days with ·01 in. or more	21	17	23	25	16	10	23	6	16	9	15	16	197
Days with ·04 in. or more	19	13	22	23	14	10	22	6	14	7	13	12	175

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

Ans! 5
13·IV·15

14 JAN 1915

LAWRENCE HOUSE,
ST ANNES-ON-THE-SEA,
LANCASHIRE.

Jan 13. 15

Dear Sir

I beg to enclose 1 guinea towards General Fund for Rainfall expenses; also my record for 1914. Alas it is marred by having mislaid the details of January & Feb; the totals of each month were entered. This will I hope not invalidate the record, which I can guarantee as correct.

Yrs faithfully

C G B Hoare

I should like to send ~~the records~~ months in future. Can I have same forms?.

M

C.S./G.

32 Upperton Gardens
Eastbourne
April 16.15

Dear Sir,

Many thanks for your letter re Rainfall (Laurence House St Annes on Sea) – I don't know how these mistakes can have arisen in the addition, but will check them from copy and originals when I can get at them at St Annes at the end of the month when I shall be back. I have not got the figures here, nor can I very well send for them. I should certainly prefer to send the details monthly, unless it involves you in extra labour, so will leave the point to you –

Yours faithfully

C G B Hoare

The June record looks certainly as if an entry was missed in copying, but I can soon verify that. If possible I will get my man to check these figures before I return & send to you. CGBH

21 APR 1915

C.S/G.

Laurence House
St Annes on Sea
Lancs.

April 20. 15

Dear Sir,/

In accordance with my letter of some days ago I have had my records checked against your copy of register (enclosed), and find the records are all correct. The errors are all in the addition, now correct.

I am sorry these errors in addition crept in

Yrs faithfully

C D Hoare

FORM A. 1. **METEO** … **ORGANIZATION.**

3052

WENNINGTON

TATHAM RECTORY

1920 – 39

1922-23

…920.

5 JAN

Kept at Tat… …ng 2.7

… 9 a.m

in the County of… …on Wenninglon

by Rev. G … Rain Gauge 5 in.

… above Ground ~~3~~ ft. 15 in.

„ Sea Level 150 ft.

IMPORTANT N… …lt entered to the previous day.

If an Observer prefe… …requested to add the reading at 9 a.m. … in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. .10

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Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	~~.00~~	.37	.15	.06	—	.13	.06	.09	—	—	.08	.59	1
2	.05	.03	.16	.33	.07	—	.29	.02	.09	.02	—	.09	2
3	—	.03	—	.04	.18	—	.10	.03	.39	—	—	.40	3
4	—	.18	.31	.04	—	—	.41	.43	.33	.61	—	—	4
5	—	—	—	.12	.06	—	.33	.57	—	.41	—	—	5
6	—	—	.11	—	1.16	—	.20	.18	.09	.10	—	—	6
7	.04	—	.01	.22	.57	—	.02	—	—	—	—	—	7
8	.24	.10	.34	.07	.04	—	.74	—	—	—	.16	—	8
9	.18	.10	—	.12	.37	—	.25	.29	—	—	—	—	9
10	.19	1.34	.05	.36	—	—	.22	—	.07	.29	—	—	10
11	.88	.34	.04	.35	—	—	.15	.02	—	—	—	—	11
12	—	.03	.05	.35	.28	.08	.01	—	.03	—	—	—	12
13	.20	.21	.50	.35	.07	.09	.45	—	.25	—	—	.42	13
14	.17	.09	.22	.28	.12	.25	.10	—	—	—	.68	—	14
15	.02	.15	.10	.24	—	.22	.10	—	—	—	.56	—	15
16	.06	.31	.09	.60	—	—	.06	—	—	—	.08	—	16
17	.04	—	.06	.11	—	—	.28	.40	.50	—	.20	—	17
18	.12	.03	—	—	.13	—	.06	.42	.12	—	—	—	18
19	.56	.02	—	.05	.89	.12	—	—	~~—~~	—	—	—	19
20	.20	.45	—	.20	.08	—	.33	—	—	—	—	—	20
21	.18	—	—	.20	—	.05	.11	—	—	—	—	—	21
22	.01	—	—	.08	—	—	.56	—	—	—	—	.10	22
23	.32	—	—	.20	—	—	.15	—	[illegible]	—	—	—	23
24	—	—	.12	.18	—	—	.19	—	.18	—	—	.60	24
25	—	—	.88	.13	—	—	.09	—	—	—	—	—	25
26	—	.15	.28	.09	—	.06	.60	—	—	—	—	—	26
27	.17	.08	.96	.25	—	—	.02	—	—	—	—	—	27
28	.15	.15	.40	.64	.32	.65	.05	—	—	—	—	—	28
29	.25	.15	.39	—	—	.21	.09	—	—	—	—	.29	29
30	.17	✕	.08	—	1.35	.09	.87	—	.22	—	.09	.42	30
31	(.29	✕	.05	✕	.25	✕	.01	—	✕	—	✕	.38	31
TOTAL	4.49	4.31	5.35	5.66	5.94	1.95	6.90	2.45	2.27	1.43	1.85	3.29	YEAR'S TOTAL 45.89 in
Days with ·01 in. or more	22	20	22	26	16	11	30	10	11	5	7	9	189
Days with ·04 in. or more	20	15	21	26	16	11	26	7	10	4	7	9	172

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

FORM A. 1. METEO [illegible] ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

3 JAN

Kept at Tatham Rectory

in the County of Lancaster

by Rev. A. S. Roberts

Lat. 54.1 Long 2.7

Time of Observation 9 a.m

Nearest Railway Station Wennington

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground [illegible] ft. 15 in.

" " " " Sea Level 150 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. .10

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	~~.00~~	.37	.15	.06	—	.13	.06	.09	—	—	.08	.59	1
2	.05	.03	.16	.33	.07	—	.29	.02	.09	.02	—	.09	2
3	—	.03	—	.04	.18	—	.10	.03	.39	—	—	.40	3
4	—	.18	.31	.04	—	—	.41	.43	.33	.61	—	—	4
5	—	—	—	.12	.06	—	.33	.57	—	.41	—	—	5
6	—	—	.11	—	1.16	—	.20	.18	.09	.10	—	—	6
7	.04	—	.01	.22	.57	—	.02	—	—	—	—	—	7
8	.24	.10	.34	.07	.04	—	.74	—	—	—	.16	—	8
9	.18	.10	—	.12	.37	—	.25	.29	—	—	—	—	9
10	.19	1.34	.05	.36	—	—	.22	—	.07	.29	—	—	10
11	.88	.34	.04	.35	—	—	.15	.02	—	—	—	—	11
12	—	.03	.05	.35	.28	.08	.01	—	.03	—	—	—	12
13	.20	.21	.50	.35	.07	.09	.45	—	.25	—	—	.42	13
14	.17	.09	.22	.28	.12	.25	.10	—	—	—	.68	—	14
15	.02	.15	.10	.24	—	.22	.10	—	—	—	.56	—	15
16	.06	.31	.09	.60	—	—	.06	—	—	—	.08	—	16
17	.04	—	.06	.11	—	—	.28	~~.40~~	.50	—	.20	—	17
18	.12	.03	—	—	.13	—	.06	.42	.12	—	—	—	18
19	.56	.02	—	.05	.89	.12	—	—	~~11~~	—	—	—	19
20	.20	.45	—	.20	.08	—	.33	—	—	—	—	—	20
21	.18	—	—	.20	—	.05	.11	—	—	—	—	—	21
22	.01	—	—	.08	—	—	.56	—	—	—	—	.10	22
23	.32	—	—	.20	—	—	.15	—	[illegible]	—	—	—	23
24	—	—	.12	.18	—	—	.19	—	.18	—	—	.60	24
25	—	—	.88	.13	—	—	.09	—	—	—	—	—	25
26	—	.15	.28	.09	—	.06	.60	—	—	—	—	—	26
27	.17	.08	.96	.25	—	—	.02	—	—	—	—	—	27
28	.15	.15	.40	.64	.32	.65	.05	—	—	—	—	—	28
29	.25	.15	.39	—	—	.21	.09	—	—	—	—	.29	29
30	.17		.08	—	1.35	.09	.87	—	.22	—	.09	.42	30
31	(.29)		.05		.25		.01	—				.38	31
TOTAL	4.49	4.31	5.35	5.66	5.94	1.95	6.90	2.45	2.27	1.43	1.85	3.29	YEAR'S TOTAL 45.89 in
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